

OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

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March 9, 2012

Ms. Lynda Deschambault
Remedial Project Manager
U.S. Environmental Project Manager Agency-Region IX
75 Hawthorne Street (SFD-7-1)
San Francisco, CA 94105

Re: January 2012 Indoor Air Quality Data Report,
Omega Chemical Superfund Site, Whittier, California

Dear Ms. Deschambault:

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Enclosed is the January 2012 Indoor Air Quality Data Report for the Omega Chemical Superfund Site, Whittier, California. This monthly data report is being submitted in accordance with Task 1 of the Administrative Settlement Agreement and Order on Consent/Statement of Work, which became effective on November 9, 2009.

Should you have any questions, regarding the above, please contact me.

Sincerely,
Omega Chemical Site PRP Organized Group



Edward Modiano
Project Coordinator

cc: David Stensby, USEPA
Stephanie Lewis, DTSC
Tom Perina, CH2MHIL
Dave Chamberlin, CDM
Sharon Wallin, CDM
Jack Keener, de maximis



111 Academy Way, Suite 150
Irvine, CA 92617
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March 9, 2012

Mr. Ed Modiano
de maximis, inc.
1322 Scott Street, Suite 104
San Diego, CA 92107

Subject: Short Term Mitigation Air Sampling Report for January 2012
Omega Chemical Superfund Site
CDM Smith Project No: 10500-76051.OSS.IAQ
CDM Smith File No: 10500-5.2.3

Dear Mr. Modiano:

On behalf of the Omega Chemical Site PRP Organized Group (OPOG), CDM Smith Inc. (CDM Smith) is submitting this Short Term Mitigation Air Sampling (STMAS) Report for the January 2012 sampling event. This report includes the analytical results for the monthly and quarterly indoor air quality (IAQ) sampling, describes short-term mitigation measures in place, any changes or alterations, dates of operation, and recommended changes. This report was prepared in accordance with the Administrative Settlement Agreement and Order on Consent (AOC) for the Removal Action, which was effective November 9, 2009.

Sampling Date, Locations Sampled, Number of Samples

January 31, 2012 monthly and quarterly indoor air quality sampling. All samples were sent to Air Toxics Ltd. for analysis. One additional sample was collected as a split sample for confirmatory analysis at a second laboratory (Air Technology Laboratories [AirTech]). The Terra Pave and Bishop properties are currently sampled on a quarterly basis, and the Regional Occupational Program (ROP) and Fred R. Rippy (FRR) properties are sampled on a monthly basis.

- ROP (six samples, including one split sample to Air Tech)
 - ROP1 - Office (Room 207) - two samples (including split sample)
 - ROP2 - Classroom (Room 104) - one sample
 - ROP3 - Office (Room 108) - one sample
 - ROP4 - Dental Annex - Lobby/Computer Area - one sample



- ROP5 - Dental Annex - Classroom - one sample
- FRR (four samples, including one duplicate to Air Toxics)
 - FRR1 - First floor office – two samples (including duplicate)
 - FRR2 - Production Area – one sample
 - FRR3 – Warehouse – one sample
- Ambient Air (6 samples)
 - AA1 - Exterior fence between Terra Pave and Madsen – one sample
Terra Pave employees were observed in the exterior yard during the day. At the end of the day, a black dust (possibly asphalt dust from activities in the exterior yard) was observed on the exterior of the summa canister.
 - AA8 - Exterior fence between parking lots near Dental Annex - one sample
 - AA11 – Rooftop of ROP on the southeastern corner of the building - one sample
 - AA13 – Rooftop of ROP on the northeastern corner of the building - one sample
 - AA16 – Rooftop of former Women's and Children's Crisis Shelter (WCCS) on the southern side of the building – one sample
 - AA22 - Rooftop of former WCCS building in the center of the roof on the northern side of the building - one sample

There was no noticeable wind at the ambient air rooftop locations during canister placement and a moderate eastern wind in the afternoon.

Samples were not collected at the former WCCS during this sampling event, as the building is vacant.

Figures 1 and 2 identify and illustrate the indoor air sampling locations at ROP and FRR. Figure 3 presents the ambient air samples locations. Figures are presented in Attachment A.

Building Conditions

ROP

- The ventilation system fans were operating during the time of sampling at the ROP and the Dental Annex. The ventilation system fans operate 24 hours a day, seven days a week.

- The SSD system was in operation at the time of sampling, and is routinely operated 24 hours a day, seven days a week.
- The building's windows are sealed and cannot be opened.
- The door to Room 207 was open throughout the day and during sample retrieval. The office was occupied during sample placement and throughout the day.
- The door to Room 104 was closed and the room was not occupied during sample placement and retrieval.
- The door to Room 108 was closed and the office was unoccupied during sample placement and retrieval.
- The doors and windows were closed during sample placement and retrieval in the Dental Annex computer room/lobby area. The doors to the inner offices in the computer room/lobby area were open during sample placement and retrieval. The room was not in use during sample placement and retrieval.
- The door to the training area classroom at the Dental Annex was open during canister placement and retrieval. The room was occupied throughout the day and during sample retrieval.

FRR

- The HVAC system operates 24 hours a day/7 days a week in the front office.
- The doors and windows to the production area and outside were closed throughout the day in the front office.
- Roll up doors in the production area were open during the day but closed at the time of sample placement and retrieval. Overhead windows were closed throughout the day. Compressed oxygen and nitrogen tanks are located in this area.
- The warehouse doors to the outside were open during the day but closed during sample placement and retrieval. A propane (20 lb tank) powered, two-burner floor heater located in the warehouse was not operated during the day.

Short Term Mitigation Measures in Place

- Indoor and ambient air sampling continues on a monthly basis at the ROP building. As requested by EPA, monthly sampling is also being performed at the FRR property.

- As requested, the purifiers at Bishop were shut off by the property owner on October 21, 2010. As discussed in prior STMAS reports, based on operation of the interim soil vapor extraction (ISVE) system and review of indoor air analytical results, operation of the air purifiers is no longer necessary.
- As requested, the Terra Pave air purifiers were shut off by the property owner in May 2010. As noted above, based on operation of the ISVE system and review of indoor air analytical results, operation of the air purifiers is no longer necessary.

Indoor Air Analytical Results

As briefly described above, monthly IAQ samples were collected from ROP and FRR buildings. Table 1 in Attachment B presents the analytical results. The following provides a brief summary of these sampling results. Results are compared to EPA's Health Protective Screening Criteria (Tables 2 and 3).

ROP

The PCE concentrations in Room 108 (1.2 ug/m³), Room 104 (1.1 ug/m³), Room 207 (1.3 ug/m³ [split sample result was 1.7 ug/m³]), Dental Annex Classroom (1.4 ug/m³), and the Dental Annex Lobby/Computer Area (1.1 ug/m³) were below the long-term health protective screening criteria of 2.1 ug/m³ during the January sampling event. PCE was not detected above the reporting limit of 0.23 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the January sampling event.

During this sampling event, two ambient air samples were also collected from the roof of the ROP building. The PCE concentrations from the rooftop ambient air samples were as follows: 0.72 ug/m³ in the northeast corner of the ROP rooftop and 0.62 ug/m³ in the southeastern corner of the ROP rooftop.

FRR

PCE concentrations in the front office (37 ug/m³ [field duplicate result was 36 ug/m³]), the production area (30 ug/m³), and the warehouse (9.6 ug/m³) were above the long-term health protective screening criteria of 2.1 ug/m³. PCE was not detected above the reporting limit of 0.23 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the January sampling event.

During this sampling event, two ambient air samples were also collected from the former WCCS building rooftop. The PCE concentrations from the rooftop ambient air samples were as follows: 1.6 ug/m³ in the southern side of the rooftop and 2.1 ug/m³ in the center of the roof on the northern side of the building. Additionally, an ambient air sample was collected from the

exterior fence between Terra Pave and Madsen, and PCE was not detected above the reporting limit of 0.24 ug/m³.

Graphs illustrating PCE and TCE concentrations over time at the ROP and FRR properties are provided in Attachment C.

Data Validation

Formal data validation was performed on the analytical results for the 15 samples analyzed by Air Toxics using the Level 4 data package provided by the laboratory. Laboratory reports are presented in Attachment D with the validation report. Following validation, the project's analytical Access database was updated (including any data validation flags, if needed) and the attached summary table (Attachment B, Table 1) was generated. As discussed in the data validation memo, one field duplicate sample was collected during this event. The field duplicate of sample IAQ-FRR1-013112 (First floor office) had a 2.74 percent variation from the original sample for PCE (37 ug/m³ in the original sample and 36 ug/m³ in the field duplicate).

One sample was submitted to a second laboratory (AirTech) as a confirmatory split sample. Results for the split sample for sample IAQ-ROP1-13112 (Room 207) had 26.67 percent variation from the original sample for PCE (1.3 ug/m³ in the original sample and 1.7 ug/m³ in the split sample). Therefore, the PCE results for the split sample pair for IAQ-ROP1-13112 were qualified as estimated (flagged with a "J") due to split sample imprecision.

The results for the split samples and field duplicate samples varied for several of the other detected compounds and are further discussed in the validation report in Attachment D.

Interim SVE System Operation

The ISVE system operated continuously during this reporting period, except during shutdowns for periodic maintenance activities. ISVE system data are presented on a quarterly basis in the March, June, September and December Short Term Mitigation Air Sampling Reports. Therefore, the March 2012 Short Term Mitigation Air Sampling Report will include ISVE system operation data, influence coverage analysis, mass removal estimates, and analytical results.

Sub-Slab Depressurization Systems Operation

The SSD system at ROP operated continuously during this reporting period. As noted in the STMAS Report for December 2011, the SSD system at the former WCCS building operated normally until December 20, 2011, at which time the system was shut-down. The shut-down was approved by EPA since WCCS had vacated the premises on September 30, 2011 and the building was unoccupied. SSD system data are presented on a quarterly basis in the March, June, September and December Short Term Mitigation Air Sampling Reports. Therefore, the

March 2012 Short Term Mitigation Air Sampling Report will include SSD system startup and operation data, vacuum influence and analytical results.

Changes or Alterations

- As noted in prior STMAS reports, WCCS staff vacated the building as of September 30, 2011. The building is currently unoccupied.
- Based on the EPA comments to the Omega Technical Memorandum Post-Mitigation Evaluation (CDM Smith, November 3, 2011), the ISVE is achieving the objective of maintaining indoor air levels below the Risk Screening Level (RSL) for the Terra Pave and Bishop buildings. Therefore, the sampling frequency at Terra Pave and Bishop has been decreased to once per quarter. Therefore, Terra Pave and Bishop will be sampled quarterly in March, June, September and December of each year. The next quarterly sampling event at Terra Pave and Bishop will occur in March 2012.

Recommended Changes/Actions

- Although continued sampling of the FRR building is not required under the current AOC, OPOG has agreed to do so. As EPA is aware, OPOG is currently installing an ISVE system in the immediate vicinity of the FRR, ROP, and former WCCS buildings. The ISVE system is expected to be operational in the first quarter of 2012. Tenants at FRR have been requested by EPA to run the HVAC system 24/7, and to keep the windows open to the extent practicable.
- The February 2012 indoor air sampling event occurred on February 29, 2012, with samples collected from the ROP and FRR buildings.
- As approved by EPA, samples were collected from the interior of the WCCS building during the February 29, 2012 sampling. It is anticipated that samples will be collected from the WCCS building in March following the completion of installation and startup of the ISVE system in the area west of Putnam Street.
- As also approved by EPA, the WCCS SSD system was turned off on December 20, 2011.

Other Short Term Mitigation Measures Activities

None.

Mr. Ed Modiano

March 9, 2012

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If you have any questions regarding this report, please feel free to call me at (949) 930-9866.

Sincerely,



Sharon Wallin, P.G.
Project Manager
CDM Smith Inc.

Attachments

Attachment A:

Attachment A: Figures- IAQ Sample Location Maps

Figure 1 - ROP

Figure 2 – FRR

Figure 3 – Ambient Air Sampling Locations

Attachment B: Tables

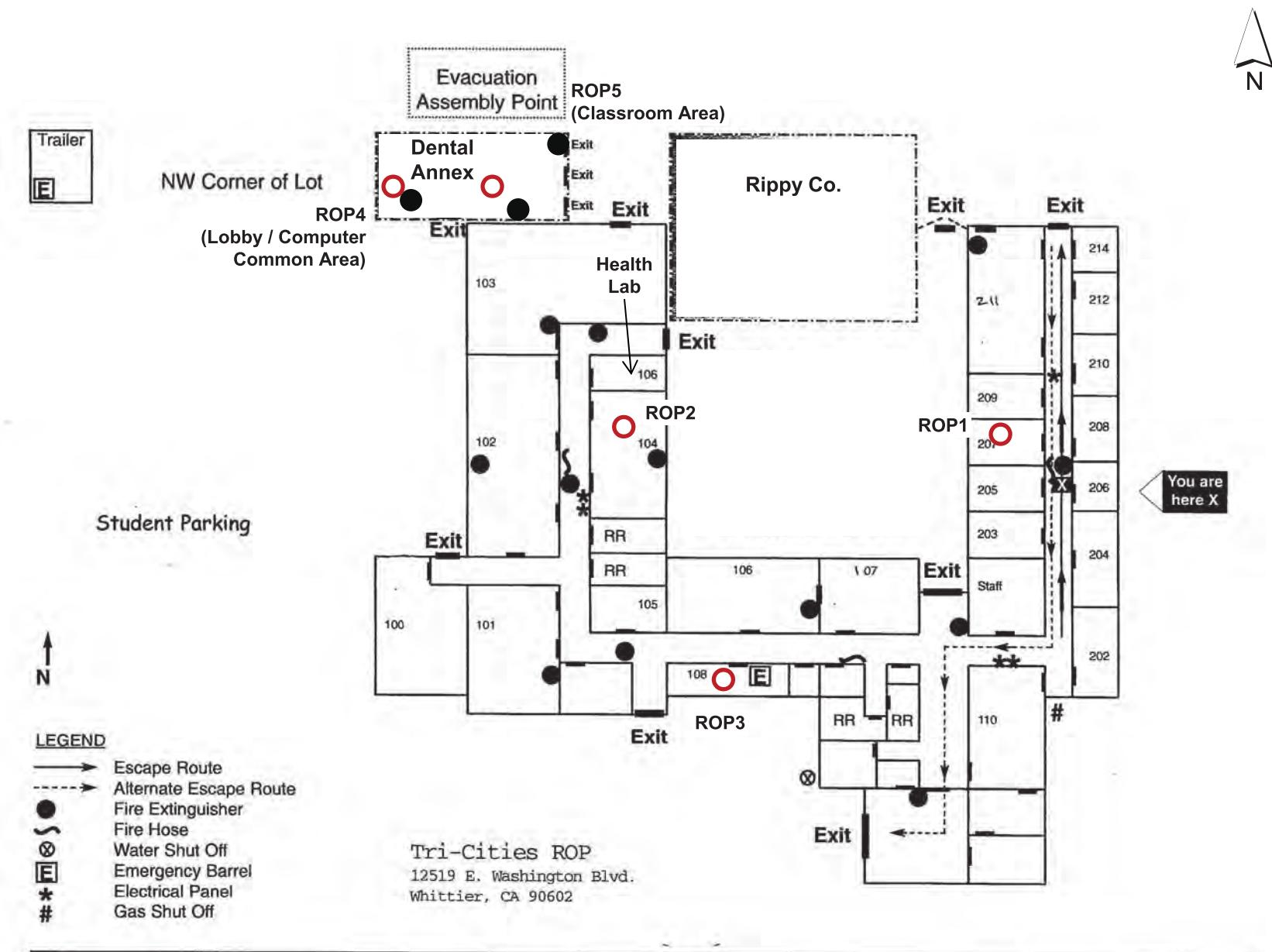
Table 1 - Analytical Summary Table

Tables 2 and 3- Comparison to Health Protective Screening Criteria

Attachment C: Graphs of TCE and PCE Concentrations (ROP and FRR)

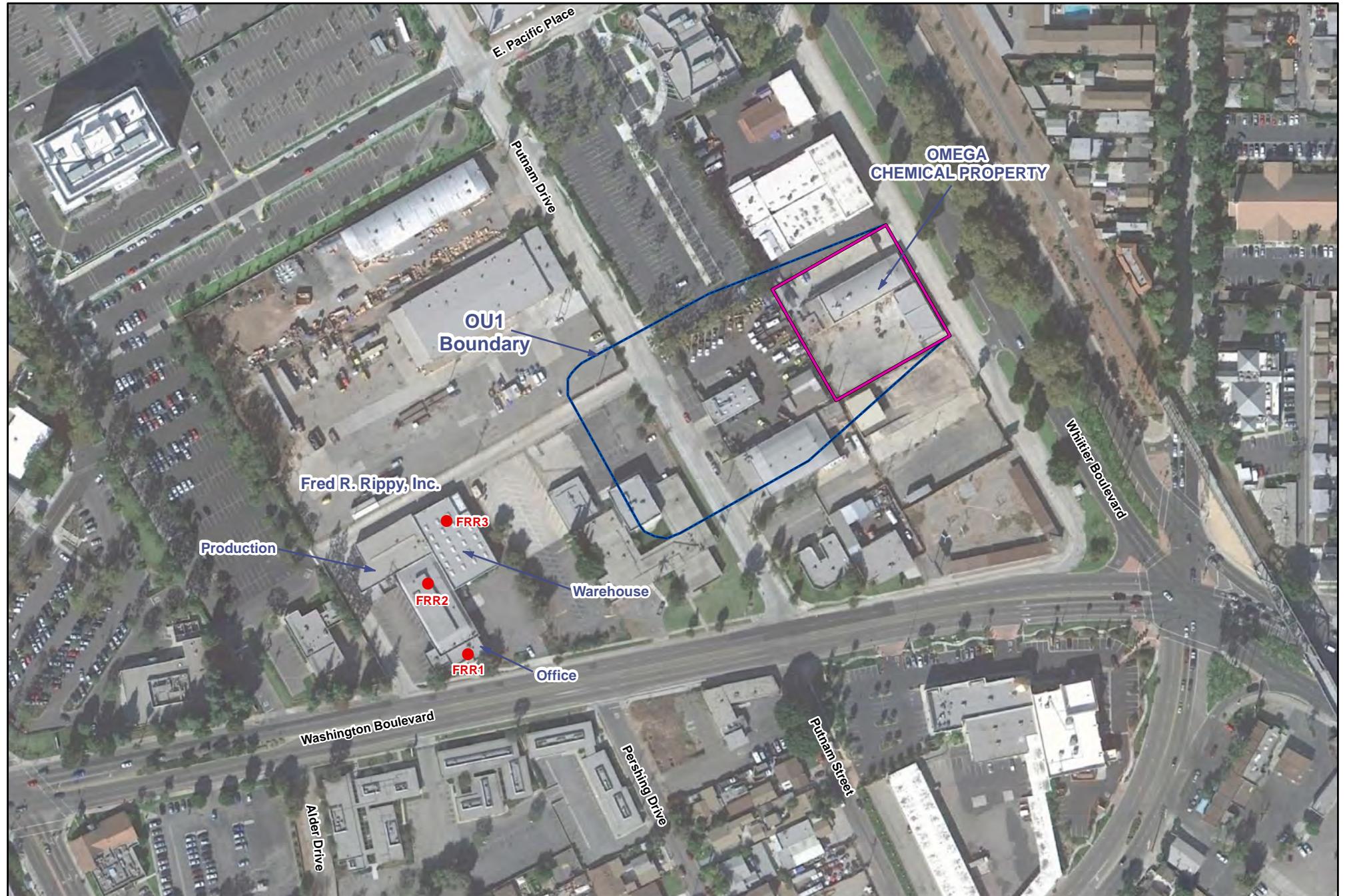
Attachment D: Laboratory Reports and Data Validation Memo

Attachment A: Figures



Washington Blvd.

Figure 1
Regional Occupation Program



Legend

- Omega Chemical Property
- Phase Ia Area



0 50 100 200
Feet

**Omega Chemical
Fred R. Rippy - Aerial View**

Figure 2



Attachment B: Tables

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Ambient																								
Between Star City and 3 Kings																								
	05/11/04	ORIG	1.3 U	1 U	1 U	0.37 U	0.75 U	1.2 U	0.86 U	0.91 U	6.5 U	1.1 U	1.7	1.4 U	2.4	0.24 U	4000 E	1.5 U	6	0.79 J	2.8	1.2	3.4 U	
Between Star City and Medlin & Son																								
	05/11/04	ORIG	1.2	1.1	1.1	0.3 U	0.66	0.22 U	0.5	0.25 U	0.27 U	1.9 U	0.33 U	1.7	1.8	2.6	0.07 U	28	0.82	7.8	0.63	2	0.77	0.98 U
	09/14/05	ORIG	1.7	0.4	0.2 U	0.2 U	0.45	0.15 U	0.62	0.17 U	0.18 U	1.3 U	0.22 U	2	1.5	1.8	0.048 U	46	0.86	4.6	0.63	2	0.51	0.67 U
	03/03/09	ORIG	0.91	0.24	0.19 U	0.19 U	0.27	0.14 U	0.52	0.16 U	0.17 U	1.3	0.21 U	2.2	1.1	2.5	0.045 U	44	1.4	7.4	0.92	3.1	1.1	0.63 U
	03/31/10	ORIG	2.1	0.17 U	0.2	0.18 U	0.1	0.16	0.38	0.15 U	0.16 U	1.1 U	0.19 U	1.1	0.78	2.1	0.041 U	11	0.53	1.4	0.18	0.54	0.18	0.58 U
	10/07/10	ORIG	0.43	0.18 U	0.19 U	0.19 U	0.21	0.14 U	0.44	0.16 U	0.16 J	1.2 U	0.2 U	1.2	0.98	2.5	0.044 U	26	0.96	2.9	0.41	1.1	0.38	0.62 U
	03/30/11	ORIG	0.32	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.45	0.15 U	0.17	2.7	0.2 U	1.6	0.59	2.7	0.043 U	24	1.3	4.9	0.57	1.7	0.56 J	0.6 U
	09/27/11	ORIG	0.5	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.49	0.18 U	0.28	5.2	0.23 U	1.6	0.55	2.7	0.049 U	72	1.7	6.7	1.2	4.1	1.5	0.69 U
Bishop exterior fence																								
	09/08/06	ORIG	0.66	0.18 U	0.19 U	0.19 U	0.56	0.14 U	0.57	0.16 U	0.17 U	1.2 U	0.2 U	1.8	1.5	3	0.044 U	38	1	16	0.68	2	0.74	0.62 U
Exterior fence between Bishop and Skateland																								
	07/16/09	ORIG	0.79	0.2 U	0.2 U	0.2 U	0.27	0.15 U	0.59	0.17 U	0.18 U	1.3 U	0.5	1.4	0.69	2.4	0.047 U	26	1.7	7.2	1.3	2.6	0.85	0.66 U
	08/25/09	ORIG	1.3	0.38	0.19 U	0.19 U	0.57	0.14 U	0.51	0.8 U	0.26	1.2 U	1 U	1.8	1.3 U	2.3	0.045 U	55	2.1	9.4	0.83	2.4	0.95	0.63 U
	09/30/09	ORIG	1	0.28	0.21 U	0.21 U	0.35	0.15 U	0.62	0.18 U	0.19 U	1.3 U	0.23 U	1.5	1.5 J	2.7	0.049 U	12	0.82	5.8	0.31	0.72	0.26	0.69 U
	10/29/09	ORIG	0.8	0.58	0.21 U	0.21 U	0.2 J	0.15 U	0.51	0.18 U	0.19 U	1.3 U	0.23 U	1.5	3.7	2.3	0.049 U	11	1.4	6.5	0.52	1.5	0.5	0.69 U
	11/24/09	ORIG	1.3	0.29	0.21 U	0.21 U	0.45	0.15 U	0.45	0.18 U	0.22	1.3 U	0.23 U	1.6	1.2	2.5	0.049 U	20	1.7	8.6	1	2.9	1.1	0.69 U
	12/28/09	ORIG	1.3	0.18 U	0.19 U	0.19 U	0.56	0.14 U	0.47	0.16 U	0.17 U	1.2 U	0.21 U	1.7	1.2	2.5 J	0.044 U	28	0.76	2.4	0.39	1.2	0.39	0.62 U
	01/27/10	ORIG	0.46	0.2 U	0.21 U	0.21 U	0.18	0.15 U	0.56	0.18 U	0.19 U	24	0.23 U	1.6	0.67	2.5	0.049 U	10	0.74	5.3	0.36	0.96	0.28	0.69 U
	02/24/10	ORIG	0.55	0.17 U	0.18 U	0.18 U	0.29	0.13 U	0.54	0.15 U	0.16 U	1.2	0.19 U	1.6	0.92	2.7 J	0.041 U	14	1.2	7.8	0.52	1.7	0.55	0.58 U
	03/31/10	ORIG	0.45	0.18 U	0.18 U	0.18 U	0.3	0.15	0.42	0.15 U	0.16 U	1.1 U	0.19 J	1.2	0.84	2.2	0.042 U	6.7	0.45	1.1	0.17	0.4	0.14 U	0.59 U
	04/28/10	ORIG	4.8 U	3.8 U	3.9 U	3.9 U	1.4 U	2.9 U	4.5 U	3.3 U	3.5 U	25 U	4.3 U	4 U	5.5 U	3.5 U	0.92 U	42 U	5.7 U	30	3.1 U	6.2 U	3.1 U	13 U
	06/18/10	ORIG	0.24 U	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.22 U	1.4	0.62	2.4	0.046 U	23	0.39	4.6	0.16 U	0.31 U	0.16 U	0.64 U
	06/24/10	ORIG	0.3	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.22 U	1.7	0.64	2.7	0.046 U	26	0.64	5.1	0.17	0.35	0.16 U	0.64 U
	07/08/10	ORIG	0.27	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.41	0.16 U	0.17 U	2.1	0.21 U	1.4	0.6	2.7	0.045 U	22	0.62	2.8	0.16	0.35	0.17	0.63 U
Exterior fence between parking lots near Dental Annex																								
	05/27/10	ORIG	0.77	0.91	0.2 U	0.2 U	0.37 J	0.15 U	0.53	0.17 U	0.18 U	1.3 U	0.22 U	1.7	1.1	2.9	0.047 U	16	0.62	2.1	0.36	0.98	0.32	0.66 U
	07/01/10	ORIG	0.42	0.38	0.2 U	0.2 U	0.11	0.15	0.42	0.16 U	0.19	1.4	0.22 U	1.8	0.73	2.7	0.046 U	21	0.95	2.6	0.25	0.57	0.19	0.64 U
	07/28/10	ORIG	0.38	0.41	0.18 U	0.18 U	0.064 U	0.13 U	0.48	0.15 U	0.16 U	1.1	0.19 U	1.2	0.54	2	0.041 U	21	0.58	1.8	0.29	0.68	0.25	0.58 U
	08/27/10	ORIG	0.49	0.15 U	0.15 U	0.15 U	0.081	0.11 U	0.41	0.13 U	0.18	1	0.17 U	1.7 J	0.66	2.2	0.036 U	17	1.2	3.6	0.36	0.83	0.3	0.5 U
	10/07/10	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.21 U	1.7	0.66	2.6	0.045 U	14	0.62	1.8	0.22	0.57	0.2	0.63 U
	10/27/10	ORIG	0.66	0.18 U	0.19 U	0.19 U	0.13	0.14 U	0.32	0.16 U	0.17 U	17	0.2 U	1.2	0.9	2.5	0.044 U	12	0.44	9.1	0.39	0.63	0.18	0.62 U
	11/30/10	ORIG	0.29	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.46 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.73	2.4	0.049 U	12	0.97	2.2	0.35	0.99	0.3	0.69 U
	12/28/10	ORIG	0.49	0.21 U	0.21 U	0.21 U	0.078 U	0.22	0.5 J	0.18 U	0.24	1.4 U	0.24 U	1.6	0.62	2.8	0.05 U	27	1.1	9.3	0.51	1.3	0.32	0.71 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	01/26/11	ORIG	0.36	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.48 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.6	2.6	0.049 U	20	1	3.4	0.41	1.2	0.34	0.69 U
	02/28/11	ORIG	0.19 U	0.15 U	0.15 U	0.15 U	0.055 UJ	0.11 U	0.28	0.13 U	0.14 U	0.96 U	0.17 U	1.3	0.62	2.5	0.036 U	12	0.96	2.3	0.35	1	0.33	0.5 U
	03/30/11	ORIG	0.34	0.19 U	0.2 U	0.2 U	0.071 U	0.15	0.49	0.16 U	0.18	1.2	0.22 U	1.6	0.59	2.6	0.046 U	18	1.2	3.8	0.5	1.4	0.45 J	0.64 U
	04/29/11	ORIG	0.32	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.46	0.16 U	0.17 U	1.2 U	0.2 UJ	1.8	0.58	2.8	0.044 U	25	0.56	1.3	0.14 J	0.34	0.16	0.62 U
	05/31/11	ORIG	0.3	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.54 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.65	2.7	0.045 U	12	0.85	2.3	0.28	0.81	0.31 J	0.63 U
	06/29/11	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.074 U	0.15 U	0.52	0.17 U	0.18 U	1.3 U	0.22 UJ	1.2	0.56	2.5	0.048 U	13	0.59	1.8	0.29	0.84	0.32	0.67 U
	07/27/11	ORIG	0.34	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.54	0.15 U	0.16 U	1.2 U	0.2 UJ	1.3 J	0.52	2.5	0.043 U	12	0.39	1	0.18	0.5	0.19	0.6 U
	08/31/11	ORIG	0.37	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.22 UJ	2	0.61	3.1	0.046 U	17	0.53	1.5	0.22	0.54	0.2	0.64 U
	09/27/11	ORIG	0.54	0.22 U	0.22 U	0.22 U	0.082 U	0.18 J	0.43	0.19 U	0.22	1.4 U	0.25 U	1.4	0.56	2.5	0.053 U	32 J	1.4	4.4 J	0.68 J	1.9 J	0.93 J	0.74 U
	09/27/11	DUP	0.48	0.17 U	0.17 U	0.17 U	0.063 U	0.38 J	0.51	0.14 U	0.25	3.4	0.19 U	1.4	0.6	2.4	0.04 U	47 J	1.3	8.1 J	1.6 J	4.4 J	1.4 J	0.57 U
	10/28/11	ORIG	0.44	0.15 U	0.16 U	0.16 U	0.057 U	0.16	0.44	0.13 U	0.26	1	0.17 U	1.4	0.65	2.7	0.037 U	36	2	6.6	0.96	3.5	1.3	0.52 U
	11/30/11	ORIG	0.58	0.18	0.19 U	0.19 U	0.068 U	0.17	0.47	0.16 U	0.25	1.4	0.2 UJ	1.3	0.57	2.4	0.044 U	38	1.9	6.4	0.97	3.1	1.1	0.62 U
	12/21/11	SPLIT	0.59	0.085	0.22 U	0.22 U	0.079 U	0.16 U	0.57 J	0.18 U	0.23 J	1.4 U	0.24 U	1.5	0.66	2.8	0.051 U	24 J	1.9 J	5.6 J	1.1	3.1 J	1.3	0.72 U
	12/21/11	ORIG	0.71	0.18 U	0.18 U	0.18 U	0.07	0.21	0.84 J	0.15 U	0.43 J	1.1 U	0.2 U	1.4	0.66	2.7	0.042 U	30 J	2.8 J	8 J	1.3	4.4 J	1.5	0.59 U
	01/31/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.52	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.57	2.5	0.043 U	7.2	0.66	1.8	0.26	0.85	0.3	0.61 U
Exterior fence between Terra Pave and Madsen Roofing																								
	07/23/08	ORIG	1.3	0.25	0.2 U	0.2 U	0.074 U	0.15 U	0.44	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.96	2.3	0.048 U	15	1	4.8	0.64	2	0.65	0.67 U
	03/03/09	ORIG	1.2	0.29	0.2 U	0.2 U	0.17	0.15 U	0.51	0.17 U	0.18 U	1.3 U	0.22 U	2.5	0.77	2.4	0.048 U	32	1.4	19	0.61	2	0.75	0.67 U
	07/16/09	ORIG	1.1	0.18 U	0.19 U	0.19 U	0.084	0.14 U	0.57	0.16 U	0.17 U	1.2 U	0.2 U	1.6	0.56	2.5	0.044 U	48	1.2	19	0.51	1.3	0.45	0.62 U
	08/25/09	ORIG	7.9	0.86	0.86 U	0.86 U	0.52	0.64 U	0.99 U	0.73 U	0.77 U	5.5 U	0.95 U	2.2	1.4	3	0.2 U	870 E	3.5	410	2.1	7.2	2.4	2.8 U
	09/30/09	ORIG	4.5	0.47	0.4 U	0.4 U	0.41	0.3 U	0.63	0.34 U	0.36 U	2.5 U	0.44 U	1.6	1.3 J	2.9	0.093 U	31	2.3	20	3.5	13	4.5	1.3 U
	10/29/09	ORIG	9.1	0.78	0.38 U	0.38 U	0.53 J	0.28 U	0.52	0.32 U	0.34 U	3.1	0.42 U	1.8	5	2.7	0.089 U	250 E	2.5	170	2.1	6.7	2.4	1.3 U
	11/24/09	ORIG	8.7	0.66	0.2 U	0.2 U	0.72	0.15 U	0.46	0.17 U	0.18 U	2.8	0.22 U	1.3	1.3	2.5	0.048 U	32	7.3	40	10	40	12	0.67 U
	12/28/09	ORIG	1.9	0.19 U	0.19 U	0.19 U	0.22	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	1.5	0.82	2.4	0.045 U	140 E	0.89	3.5	2.4	7.8	2	0.63 U
	01/27/10	ORIG	3	0.28	0.21 U	0.21 U	0.28	0.15 U	0.48	0.18 U	0.19 U	2.7	0.23 U	1.6	0.73	2.5	0.049 U	16	1.1	4.7	1	3.4	1.2	0.69 U
	02/24/10	ORIG	2.8	0.43	0.16 U	0.16 U	0.24	0.12 U	0.51	0.14 U	0.15 U	1.8	0.18 U	1.5	0.77	2.9 J	0.039 U	130 E	1.8	32	3.6	17	6.8	0.55 U
	03/31/10	ORIG	5.1	0.37	0.19 U	0.19 U	0.46	0.2	0.41	0.16 U	0.17 U	2.1	0.21 U	1.1	0.87	2.1	0.045 U	12	6.6	38	5.3	24	6.7	0.63 U
	04/28/10	ORIG	2.4	0.34	0.18 U	0.18 U	0.22 J	0.14 U	0.4	0.15 U	0.16 U	7.2	0.2 U	1.2	0.78 J	2.4	0.043 U	16	0.4	4.8	0.14 J	0.38	0.14 U	0.6 U
	05/27/10	ORIG	0.99	0.18 U	0.19 U	0.19 U	0.31	0.14 U	0.55	0.16 U	0.17 U	1.2 U	0.2 U	1.8	1.1	3.1	0.044 U	17	1.1	4.5	0.65	1.8	0.58	0.62 U
	06/18/10	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.56	2.3	0.044 U	31	1	5.1	0.5	1.4	0.45	0.62 U
	06/24/10	ORIG	0.32	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.22 U	1.5	0.57	2.4	0.046 U	25	1.9	6.6	0.53	1.5	0.5	0.64 U
	07/01/10	ORIG	0.34	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.17 U	1.9	0.21 U	1.7	0.66	2.6	0.045 U	62	2.1	8.4	0.71	2	0.68	0.63 U
	07/08/10	ORIG	0.23	0.18 U	0.18 U	0.18 U	0.067 U	0.14 UJ	0.42	0.15 U	0.16 U	1.9	0.2 U	1.7	0.68	2.7	0.043 U	33	0.9	3	0.31	0.82	0.28	0.6 U
	07/28/10	ORIG	0.36	0.15 U	0.15 U	0.15 U	0.055 U	0.11 U	0.42	0.13 U	0.14 U	1.2	0.17 U	1.3	0.46	2	0.036 U	17	1.9	7.2	1	3.7	1.4	0.5 U
	08/27/10	ORIG	0.34	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.42	0.16 U	0.17 U	1.3	0.22 U	1.6 J	0.67	2.4	0.046 U	14	1.6	5.9	0.52	1.3	0.42	0.64 U
	10/27/10	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.074 U	0.15 U	0.45	0.17 U	0.18 U	1.3 U	0.22 U	1.4	2.1	2.5	0.048 U	10	0.48	1.3	0.31	1.1	0.39	0.67 U
	11/30/10	ORIG	0.47	0.19 U	0.19 U	0.19 U	0.069 U	0.18	0.46 J	0.16 U	0.17 U	1.2 U	0.21 U	1	0.55	2.3	0.045 U	130 E	3.5	14	2.4	8.7	2.9	0.63 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	12/28/10	ORIG	0.51	0.2 U	0.21 U	0.21 U	0.076 U	0.2	0.45 J	0.18 U	0.19 U	1.3 U	0.23 U	1.6	0.61	2.8	0.049 U	18	1.1	9.6	0.5	1.4	0.47	0.69 U
	01/26/11	ORIG	0.6	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.46 J	0.15 U	0.16 U	2.3	0.2 U	1.3	0.56	2.5	0.043 U	170 E	4.1	32	2.5	9.1	2.6	0.6 U
	02/28/11	ORIG	0.34	0.18 U	0.18 U	0.18 U	0.065 UJ	0.14	0.48	0.15 U	0.16 U	3.6	0.2 U	1.2	0.57	2.4	0.042 U	260 E	3.5	63	4.9	14	3.2	0.59 U
	04/29/11	ORIG	0.3	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.42	0.16 U	0.17 U	1.2	0.2 UJ	1.9	0.63	2.8	0.044 U	10	0.92	2.8	0.32	0.9	0.28	0.62 U
	05/31/11	ORIG	0.74	0.19 U	0.19 U	0.19 U	0.087	0.15 J	0.52 J	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.64	2.6	0.045 U	15	3.7	15	1.4	4.9	1.5 J	0.63 U
	06/29/11	ORIG	0.41	0.17 U	0.17 U	0.17 U	0.062 U	0.13 U	0.57	0.14 U	0.15 U	2.3	0.19 UJ	1.1	0.36	2.6	0.04 U	20	6.1	31	5.8	22	8	0.56 U
	07/27/11	ORIG	0.4	0.19 U	0.2 U	0.2 U	0.071 U	0.16	0.49	0.16 U	0.17 U	1.2 U	0.22 UJ	1.2 J	0.51	2.3	0.046 U	7.7	1.6	4.2	0.51	1.7	0.58	0.64 U
	08/31/11	ORIG	0.67	0.21 U	0.21 U	0.21 U	0.087	0.16 U	0.58	0.18 U	0.19 U	1.4 U	0.23 UJ	1.6	0.64	2.9	0.05 U	24	2.4	25	5.7	25	8.2	0.7 U
	10/28/11	ORIG	0.53	0.2 U	0.2 U	0.2 U	0.072 U	0.16	0.4	0.17 U	0.24	1.4	0.22 U	1.4	0.59	2.5	0.047 U	32	4.4	21	3.6	15	5.2	0.66 U
	11/30/11	ORIG	0.53	0.22 U	0.22 U	0.22 U	0.08 U	0.18	0.45	0.18 U	0.25	1.5	0.24 UJ	1.4	0.55	2.4	0.051 U	39	4	13	1.7	5.6	2	0.72 U
	12/21/11	ORIG	0.43 J	0.35 U	0.35 U	0.35 U	0.13 U	0.47	0.78	0.3 U	0.32 U	2.2 U	0.39 U	1.4	0.63	2.6	0.083 U	410 E	5	29	36	160	59	1.2 U
	01/31/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.07 U	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.56	2.3	0.045 U	7.9	2.6	16	2.2	9	2.7	0.63 U
Former 3 Kings rooftop, southwest corner																								
	09/27/11	ORIG	0.5	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.51	0.18 U	0.26	2	0.23 U	1.5	0.53	2.6	0.049 U	42	1.5	4.8	0.75	2.2	0.84	0.69 U
Former Merchants Metals parking lot																								
	05/11/04	ORIG	0.6	0.23	0.2 U	0.2 U	0.074 U	0.15 U	0.58	0.17 U	0.18 U	1.3 U	0.4	1.6	0.73	2.6	0.048 U	15	1	5.1	0.78	2.3	0.87	0.67 U
	12/21/11	ORIG	0.5	0.17 U	0.17 U	0.17 U	0.062	0.23	0.85	0.14 U	0.19	1.1 U	0.19	1.3	0.78	2.7	0.04 U	23	2.6	7.6	1.2	4.3	1.5	0.56 U
FRR parking lot by warehouse door and employee break area																								
	01/09/12	ORIG	1.1	0.21	0.22 U	0.22 U	0.41	0.16 U	0.55	0.18 U	0.21	1.4 U	0.24 U	1.4	0.86	2.5	0.051 U	29	2.4	11	1.4	3.8	1.3	0.72 U
JHA trailer rooftop, southeast corner																								
	09/27/11	SPLIT	0.59	0.15	0.27 U	0.27 U	0.099 U	0.2 U	0.54	0.23 U	0.31	1.7 U	0.3 U	1.3	0.72	3.2 J	0.064 U	38	1.8	6.9 J	0.82	2.6 J	1.5 J	0.9 U
	09/27/11	ORIG	0.52	0.21 U	0.21 U	0.21 U	0.078 U	0.18	0.45	0.18 U	0.26	1.6	0.24 U	1.5	0.54	2.5 J	0.05 U	38	1.5	4.6 J	0.69	1.9 J	0.75 J	0.71 U
Kaiser parking lot across from NW corner of Medlin South																								
	12/21/11	ORIG	0.34	0.19 U	0.19 U	0.19 U	0.069 U	0.19	0.78	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.6	2.7	0.045 U	18	1.7	4.6	0.81	2.6	0.91	0.63 U
Medlin & Son roof intake																								
	05/11/04	ORIG	0.55	0.2 U	0.2 U	0.2 U	0.15	0.15 U	0.59	0.17 U	0.18 U	2.1	0.22 U	1.9	1.3	3.4	0.046 U	19	0.91	5.5	0.79	2.1	0.8	0.66 U
Northeast corner of ROP rooftop																								
	09/27/11	ORIG	2.1	0.2	0.2 U	0.2 U	0.4	0.17	0.48	0.17 U	0.3	1.9	0.22 U	1.6	0.73	2.4	0.048 U	32	1.8	5.3	0.86	2.8	1.2	0.67 U
	10/28/11	ORIG	1.7	0.2 U	0.2 U	0.2 U	0.27	0.17	0.51	0.17 U	0.25	1.7	0.22 U	1.5	0.79	2.7	0.047 U	30	2	6.3	0.97	3.4	1.2	0.66 U
	11/30/11	ORIG	1.9	0.22	0.19 U	0.19 U	0.24	0.17	0.46	0.16 U	0.25	1.4	0.21 UJ	1.3	0.8	2.3	0.045 U	36	1.8	6	0.89	2.8	1	0.63 U
	12/21/11	ORIG	0.9	0.18 U	0.19 U	0.19 U	0.1	0.24	0.88	0.16 U	0.17	1.2 U	0.21 U	1.4	0.68	2.9	0.044 U	17	2.5	7	1.2	3.7	1.3	0.62 U
	01/31/12	ORIG	0.72	0.19 U	0.19 U	0.19 U	0.11	0.14 U	0.56	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.75	2.7	0.045 U	6.6	0.75	1.8	0.27	0.9	0.34	0.63 U
Oncology Care Rooftop																								
	09/08/06	ORIG	0.32	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.53	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.74	2.7	0.045 U	38	1.2	4.4	0.87	2.9	1.1	0.63 U
Outside rear of Madsen Roofing building by AC intake																								
	07/23/08	ORIG	0.99	0.23 U	0.23 U	0.23 U	0.18	0.17 U	0.45	0.2 U	0.21 U	1.5 U	0.25 U	1.3	1.2	2.4	0.054 U	18	1.2	6.6	1.3	3.7	0.95	0.76 U

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Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Rippy Parking Lot																								
	05/11/04	ORIG	0.86	0.48	0.2 U	0.2 U	0.16	0.15 U	0.5	0.17 U	0.18 U	1.3 U	0.22 U	1.7	1.1	2.7	0.048 U	19	1.3	6.7	1.4	5	1.9	0.67 U
	05/11/04	DUP	0.57	0.42	0.16 U	0.16 U	0.12	0.12 U	0.6	0.14 U	0.14 U	1 U	0.18 U	1.8	1.1	2.9	0.038 U	14	0.9	3.3	0.47	1.5	0.52	0.54 U
	09/14/05	ORIG	0.84	0.42	0.2 U	0.2 U	0.13	0.15 U	0.63	0.17 U	0.18 U	1.3 U	0.22 U	1.8	1.4	2	0.047 U	14	0.99	3.7	0.45	1.3	0.45	0.66 U
ROP rooftop, centered on roof on eastern side of building																								
	09/27/11	ORIG	1.7	0.2 U	0.2 U	0.2 U	0.31	0.18	0.51	0.17 U	0.33	2.1	0.22 U	1.6	0.73	2.6	0.048 U	39	1.8	5.5	0.87	2.8	1.3	0.67 U
Skateland - adjacent to front door																								
	08/04/04	ORIG	1.2	0.26	0.19 U	0.19 U	0.58	0.14 U	0.72	0.16 U	0.17 U	1.5	0.22	2.1	2.6	3.4 J	0.044 U	61	1.6	5.7	1	3.6	1.8	0.62 U
Skateland - adjacent to sewer manhole																								
	08/04/04	ORIG	1.7	0.22	0.2 U	0.2 U	0.89	0.15 U	0.61	0.17 U	0.18 U	1.8	0.22 U	2	1.8	3.5 J	0.048 U	34	1.7	5.3	0.85	2.2	0.9	0.67 U
Southeast corner of ROP rooftop																								
	09/27/11	ORIG	0.78	0.2 U	0.2 U	0.2 U	0.094	0.15 U	0.48	0.17 U	0.32	2.2	0.24	1.5	0.6	2.6	0.048 U	34	1.9	5.7	0.91	2.8	1.2	0.67 U
	10/28/11	ORIG	1.2	0.2 U	0.2 U	0.2 U	0.2	0.15 U	0.53	0.17 U	0.26	1.3 U	0.22 U	1.5	0.76	2.7	0.047 U	32	2.2	6.8	1.2	4.3	1.4	0.66 U
	11/30/11	ORIG	0.44	0.18 U	0.19 U	0.19 U	0.068 U	0.18	0.36	0.16 U	0.24	1.4	0.2 UJ	1.3	0.54	2.5	0.044 U	39	2	6.6	0.98	3.2	1.4	0.62 U
	12/21/11	ORIG	0.67	0.19 U	0.19 U	0.19 U	0.069 U	0.22	0.76	0.16 U	0.17	1.2 U	0.21 U	1.4	0.72	2.8	0.045 U	18	2.6	7.3	1.1	3.8	1.3	0.63 U
	01/31/12	ORIG	0.62	0.18 U	0.19 U	0.19 U	0.096	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.72	2.5	0.044 U	9	0.79	3.7	0.37	1.1	0.39	0.62 U
Southwest corner of ROP rooftop																								
	07/27/11	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.5 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	0.5	2.4	0.044 U	11	0.39	1.2	0.2	0.61	0.23	0.62 U
Star City rooftop, southwest corner																								
	09/27/11	ORIG	0.56	0.21 U	0.21 U	0.21 U	0.078 U	0.17	0.5	0.21	0.27	2.8	0.24 U	1.5	0.57	2.6	0.05 U	69	1.5	8.2	1.6	5.7	2	0.71 U
Terra Pave rooftop, along south edge, centered																								
	09/27/11	ORIG	0.71	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.51	0.18 U	0.36	2	0.23 U	1.6	0.62	2.6	0.049 U	40	1.8	5.4	0.82	2.3	0.92	0.69 U
Tree lawn across from driveway to former Skateland																								
	12/21/11	ORIG	0.3	0.16 U	0.16 U	0.16 U	0.059 U	0.19	0.75	0.14 U	0.15 U	1 U	0.18 U	1.4	0.59	2.7	0.038 U	14	1.4	4	0.62	2	0.73	0.54 U
Tree lawn across from driveway to Star City																								
	12/21/11	ORIG	0.32	0.19 U	0.19 U	0.19 U	0.069 U	0.2	0.72	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.57	2.7	0.045 U	20	1.6	4.7	0.91	3.2	1.2	0.63 U
Tree lawn across from former 3 Kings building																								
	12/21/11	ORIG	0.36	0.18 U	0.19 U	0.19 U	0.068 U	0.2	0.85	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.8	2.7	0.044 U	16	1.5	4.2	0.7	2.2	0.78	0.62 U
	12/21/11	DUP	0.3	0.15 U	0.15 U	0.15 U	0.055 U	0.17	0.75	0.13 U	0.14 U	0.96 U	0.17 U	1.3	0.73	2.6	0.036 U	15	1.3	3.7	0.58	1.9	0.68	0.5 U
WCCS rooftop, north central side of building																								
	10/28/11	ORIG	1.3	0.2 U	0.21 U	0.21 U	0.19	0.16	0.51	0.18 U	0.23	1.3 U	0.23 U	1.4	0.79	2.5	0.049 U	28	1.3	4.3	0.66	2.3	0.84	0.69 U
	11/30/11	ORIG	2.2	0.27	0.18 U	0.18 U	0.27	0.17	0.5	0.15 U	0.95	1.4	0.19 UJ	1.4	1.2	2.1	0.041 U	43	2	5.9	0.9	2.9	1	0.58 U
	12/21/11	ORIG	1.3	0.19 U	0.19 U	0.19 U	0.12	0.24	0.69	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.62	2.6	0.046 U	15	2.5	7.4	1.1	4	1.4	0.64 U
	01/31/12	ORIG	2.1	0.19 U	0.19 U	0.19 U	0.3	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.84	2.4	0.045 U	10	0.98	3	0.44	1.6	0.55	0.63 U
WCCS rooftop, southern side of building near intake vent																								
	09/27/11	ORIG	4.8	0.36	0.19 U	0.19 U	2.5	0.14	0.49	0.16 U	0.3	2	0.2 U	2.8	1.1	2.6	0.044 U	35	1.5	4.6	0.92	3.6	2	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	10/28/11	ORIG	2.6	0.22	0.21 U	0.21 U	0.49	0.16	0.53	0.18 U	0.26	1.3 U	0.23 U	1.5	0.76	2.4	0.049 U	28	1.3	4.2	0.66	2.1	0.79	0.69 U
	11/30/11	ORIG	2.9	0.29	0.19 U	0.19 U	0.4	0.18	0.47	0.16 U	0.28	1.6	0.21 UJ	1.5	0.88	2.5	0.045 U	38	2.1	6.8	1	3.4	1.4	0.63 U
	12/21/11	ORIG	1.1	0.19 U	0.19 U	0.19 U	0.1	0.23	0.73	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.64	2.7	0.045 U	16	2.6	7.6	1.2	3.9	1.4	0.63 U
	01/31/12	ORIG	1.6	0.19 U	0.19 U	0.19 U	0.23	0.14 U	0.52	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.81	2.5	0.045 U	10	0.97	3	0.43	1.6	0.54	0.63 U
3 Kings Construction																								
Interior office area																								
	05/11/04	ORIG	3.2	0.92	0.22	0.19 U	2.7	0.14 U	0.58	0.16 U	0.25	2.1	0.2 U	3	4.1	2.6	0.044 U	28	6	40	4.4	20	5.6	0.62 U
	09/14/05	ORIG	7.6	2.2	0.2 U	0.2 U	4.9	0.15 U	0.57	0.17 U	0.18 U	49	0.22 U	3.8	4.2	1.4	0.048 U	24	2.8	36	3.2	14	2.9	0.67 U
Storage and work area																								
	05/11/04	ORIG	1	0.25	0.21	0.18 U	0.7	0.13 U	0.59	0.15 U	0.16 U	1.8	0.2 U	2	1.6	2.7	0.043 U	37	5.1	34	3.8	18	5	0.6 U
	09/14/05	ORIG	13	3.3	0.51 U	0.51 U	9.2	0.38 U	0.65	0.43 U	0.46 U	260	0.56 U	5.9	6.8	3.1	0.12 U	50	11	170	16	82	17	1.7 U
Bishop																								
Admin Office																								
	09/08/06	ORIG	9.3	0.5	0.34 U	0.34 U	5.3	0.25 U	0.57	0.28 U	0.3 U	2.2 U	0.37 U	2.3	3.9	3.1	0.079 U	64	1.2	6.5	0.72	2.4	0.93	1.1 U
	09/08/06	DUP	11	0.56	0.16 U	0.16 U	5.8	0.12 U	0.58	0.14 U	0.15	1 J	0.32	2.4	4	2.9	0.038 U	18	1.1	7.7	0.9	3	1.1	0.54 U
	03/03/09	ORIG	110	4.5	0.17 U	0.17 U	44	0.12 U	0.51	0.14 U	0.16	1.1 U	0.19 U	9.1	35	2.3	0.04 U	13	1	4.7	0.61	2	0.75	0.56 U
	03/03/09	EPA	149.2	5.9 J	10.4 U	10.4 U	51.5	7.7 U	12 U	8.7 U	9.3 U	6.6 U	11.4 U	10.1 J	39.9	9.4 U	4.9 U	--	6.1 U	4.1 J	8.3 U	16.9 U	8.3 U	--
	03/03/09	DUP	110	4.6	0.18 U	0.18 U	44	0.13 U	0.54	0.15 U	0.16 J	1.1 U	0.2 U	9.5	36	2.4	0.042 U	14	1	4.7	0.61	2	0.76	0.59 U
	07/16/09	ORIG	14	0.71	0.19 U	0.19 U	2.9	0.14 U	0.58	0.16 U	0.18	1.2 U	0.2 U	2	1.8	2.4	0.044 U	24 J	1	4.2	0.47	1.2	0.43	0.62 U
	07/16/09	DUP	14	0.74	0.18 U	0.18 U	3	0.14 U	0.58	0.15 U	0.18	1.2 U	0.2 U	2	1.7	2.4	0.043 U	37 J	1.1	4.5	0.48	1.2	0.44	0.6 U
	08/25/09	ORIG	3.8	0.59	0.18 U	0.18 U	0.58 J	0.13 J	0.52	0.15 U	0.31	1.4	0.2 U	1.8	0.97	2.6	0.042 U	40 J	2.4	8.7	0.79	2.1 J	0.69 J	0.59 U
	08/25/09	DUP	3.5	0.68	0.19 U	0.19 U	0.74 J	0.17	0.79	0.79 U	0.33	1.6	1 U	1.8	1.3 U	2.3	0.044 U	28 J	2.4	7.8	0.93	2.6 J	1 J	0.62 U
	09/30/09	ORIG	6.5	0.58	0.18 U	0.18 U	1.3	0.13 U	0.58	0.15 U	0.16 U	5.9	0.2 U	1.6	1.7 J	2.6	0.042 U	21 J	0.83	3.8	0.41	0.9	0.32	0.59 U
	09/30/09	DUP	6.3	0.59	0.2 U	0.2 U	1.2	0.14 U	0.62	0.16 U	0.17 U	6.1	0.22 U	1.6	1.8 J	2.9	0.046 U	16 J	0.85	4.2	0.39	0.85	0.3	0.64 U
	10/29/09	ORIG	55	2.4	0.18 U	0.18 U	8 J	0.14 U	0.53	0.15 U	0.18	1.2 U	0.2 U	2.4	9.5	2.4	0.043 U	13	1.8	7	0.72	2.1	0.7	0.6 U
	10/29/09	DUP	55	2.4	0.18 U	0.18 U	8.4 J	0.14 U	0.49	0.15 U	0.18	1.2 U	0.2 U	2.5	9.8	2.4	0.043 U	14	1.8	7.2	0.72	2.2	0.73	0.6 U
	11/24/09	ORIG	140	5.6	0.25 U	0.25 U	26	0.18 U	0.47	0.21 U	0.36	3.4	0.27 U	5.4	15	2.6	0.058 U	25	2.5	36 J	2.4 J	5.4 J	2 J	0.81 U
	11/24/09	DUP	160	5.9	0.26 U	0.26 U	28	0.19 U	0.49	0.22 U	0.34	1.7 U	0.29 U	4.6	15	2.5	0.061 U	25	2.4	9.7 J	1.5 J	4.4 J	1.5 J	0.86 U
	12/28/09	ORIG	210	8.2	0.22 U	0.22 U	61	0.16 U	0.46	0.19 U	0.24	1.4 U	0.25 U	13	40	2.5	0.052 U	18 J	0.97	4.2	0.6	1.8	0.61	0.74 U
	12/28/09	DUP	220	8.4	0.24 U	0.24 U	61	0.18 U	0.46	0.21 U	0.24	1.6 U	0.27 U	13	40	2.5	0.057 U	28 J	0.95	4.5	0.7	2.1	0.76	0.81 U
	01/27/10	ORIG	220	8.1	0.4 U	0.4 U	60	0.3 U	0.5	0.34 U	0.36 U	2.5 U	0.44 U	14	44	2.4	0.094 U	14	1	3.4	0.51	1.3	0.47	1.3 U
	01/27/10	DUP	210	7.8	0.21 U	0.21 U	57	0.16 U	0.48	0.18 U	0.24	2.1	0.24 U	13	41	2.6	0.05 U	18	1	3.5	0.5	1.3	0.45	0.71 U
	02/24/10	ORIG	60	2.5	0.18 U	0.18 U	21	0.14 U	0.51	0.15 U	0.16 U	3.2	0.2 U	4.8	15	3.2 J	0.043 U	18 J	1.3	4.1 J	0.66	2	0.7	0.6 U
	02/24/10	DUP	60	2.5	0.17 U	0.17 U	22	0.12 U	0.54	0.14 U	0.16	3.4	0.19 U	5.1	16	3.2 J	0.04 U	13 J	1.4	5.3 J	0.67	2.1	0.69	0.56 U
	03/31/10	ORIG	94	3.6	0.18 U	0.18 U	28	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.2 U	5.2	21	2.1	0.042 U	12	0.47	1.2	0.18	0.44	0.16	0.59 U
	03/31/10	DUP	96	3.7	0.2 U	0.2 U	27	0.14 U	0.4	0.16 U	0.17 U	1.2 U	0.22 U	5.5	22	2.2	0.046 U	13	0.48	1.2	0.17	0.44	0.16	0.64 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Ethyl Acetone Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE	
	04/28/10	ORIG	28	1.4	0.21 U	0.21 U	6.3 J	0.16 U	0.42	0.18 U	0.19 U	1.8 J	0.24 U	2.3	5.8 J	2.4	0.05 U	8.8	0.37	1.4 J	0.17 U	0.34 U	0.17 U	0.71 U
	04/28/10	DUP	28	1.4	0.2 U	0.2 U	6.6 J	0.2	0.43	0.17 U	0.18 U	2.4 J	0.22 U	2.4	5.8 J	2.5	0.048 U	9.9	0.41	16 J	0.27	0.38	0.16 U	0.67 U
	05/27/10	ORIG	84	3.2	0.2 U	0.2 U	28	0.14 U	0.53	0.16 U	0.18	1.2 U	0.22 U	4.6	15	2.8	0.046 U	22	0.64	2.5	0.32	0.75	0.26	0.64 U
	06/18/10	ORIG	1.1	0.17 U	0.18 U	0.18 U	0.065	0.13 U	0.37	0.15 U	0.16 U	1.1 U	0.19 U	1.2	0.55	2.2	0.041 U	27 J	0.44	2.2	0.2	0.44	0.22	0.58 U
	06/18/10	DUP	1.1	0.17 U	0.18 U	0.18 U	0.086	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.19 U	1.4	0.63	2.4	0.041 U	19 J	0.43	2.2	0.18	0.4	0.15	0.58 U
	06/24/10	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.32	0.15 U	0.16 U	1.2 U	0.2 U	1.6	0.63	2.7	0.043 U	22 J	0.69	3.4	0.22	0.42	0.14 U	0.6 U
	06/24/10	DUP	0.77	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.43	0.15 U	0.16 U	1.2 U	0.2 U	1.5	0.59	2.5	0.043 U	34 J	0.65	3.2	0.21	0.42	0.15	0.6 U
	07/01/10	ORIG	0.83	0.17 U	0.18 U	0.18 U	0.072	0.13 U	0.4	0.15 U	0.17	1.5	0.19 U	1.7	0.63	2.6	0.041 U	44	0.93	4.3	0.3	0.67	0.3	0.58 U
	07/08/10	ORIG	0.4	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.4	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.72	2.5	0.045 U	20 J	0.6	1.7	0.17	0.38	0.19	0.63 U
	07/08/10	DUP	0.41	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.4	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.69	2.5	0.045 U	32 J	0.58	1.7	0.16	0.34	0.16	0.63 U
	07/28/10	ORIG	0.61	0.17 U	0.17 U	0.17 U	0.063 U	0.13 U	0.42	0.14 U	0.15 U	1.1 U	0.19 U	1.2	0.46	2.1	0.04 U	28	0.82	2.6	0.34	0.87	0.34	0.57 U
	08/27/10	ORIG	0.5	0.16 U	0.16 U	0.16 U	0.068	0.12 U	0.42	0.13 U	0.18	1.6	0.18 U	1.6 J	0.71	2.4	0.037 U	18	0.95	3.3	0.37	0.9	0.29	0.53 U
	09/29/10	ORIG	0.68	0.16 U	0.16 U	0.16 U	0.38 J	0.14	0.44	0.14 U	0.19	1.4	0.18 U	2.1	1	2.8	0.039 U	32	1.5	4.7	0.65	1.6	0.64	0.55 U
	09/29/10	DUP	0.71	0.18 U	0.18 U	0.18 U	0.17 J	0.14 U	0.53	0.15 U	0.18	1.4	0.2 U	1.9	0.82	2.7	0.043 U	30	1.5	4.6	0.67	1.8	0.65	0.6 U
	10/27/10	ORIG	1.3	0.15 U	0.15 U	0.15 U	0.59	0.11 U	0.46	0.12 U	0.3	1.5	0.16 U	2.3	3.6	2.9	0.035 U	24	5.5	15	2.1	7.3	2.2	0.49 U
	11/30/10	ORIG	0.75	0.18 U	0.18 U	0.18 U	0.11	0.18	0.44 J	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.57	2.4	0.042 U	14	2.1	5.8	1	3.4	1.1	0.59 U
	12/28/10	ORIG	1.2	0.14 U	0.15 U	0.15 U	0.21	0.18	0.82 J	0.12 U	0.18	1	0.16 U	1.5	0.73	2.7	0.034 U	18	4.5	13	1.6	5.4	1.6	0.48 U
	01/26/11	ORIG	1.2	0.18 U	0.19 U	0.19 U	0.1	0.14 U	0.49 J	0.16 U	0.19	2.8	0.2 U	1.7	0.75	2.7	0.044 U	33	2.4	7.1	0.97	2.9	0.86	0.62 U
	02/28/11	ORIG	0.64	0.19 U	0.2 U	0.2 U	0.12 J	0.14	0.4	0.16 U	0.17 U	1.2 U	0.22 U	1.5	0.62	2.4	0.046 U	12	1.3	3.2	0.51	1.6	0.55	0.64 U
	03/30/11	ORIG	0.79	0.18 U	0.19 U	0.19 U	0.14 J	0.16	0.46	0.16 U	0.7	1.6	0.26	1.4	0.59	2.4	0.044 U	22	1.4	5.6	0.71	2.1	0.85	0.62 U
	03/30/11	DUP	0.81	0.18 U	0.19 U	0.19 U	0.14 J	0.17	0.47	0.16 U	0.74	1.6	0.2 U	1.4	0.6	2.5	0.044 U	21	1.4	5.8	0.69	2.1	0.73	0.62 U
	04/29/11	ORIG	0.26	0.17 U	0.17 U	0.17 U	0.061 U	0.16	0.5 J	0.14 U	1.7	3	0.19 J	2 J	1.1	3	0.04 U	18	0.62	2	0.27	0.66	0.26	0.56 U
	05/31/11	ORIG	0.92	0.2 U	0.2 U	0.2 U	0.12	0.15 UJ	0.55 J	0.17 U	0.22	1.3 U	0.22 U	1.2	1	2.6	0.047 U	16	1.2	4.2	0.56	1.7	0.61 J	0.66 U
	05/31/11	DUP	0.92	0.18 U	0.18 U	0.18 U	0.12	0.14 J	0.55 J	0.15 U	0.23	1.1 U	0.2 U	1.1	1	2.6	0.042 U	18	1.3	4.8	0.58	1.8	0.63 J	0.59 U
	06/29/11	ORIG	0.69	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	1	2.5	0.043 U	21	0.7	2.5	0.4	1.2	0.54	0.61 U
	06/29/11	DUP	0.67	0.18 U	0.18 U	0.18 U	0.067 U	0.14	0.52	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	1	2.5	0.043 U	18	0.63	0.13 U	0.4	1.2	0.54	0.6 U
	07/27/11	ORIG	0.34	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.53 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	1.5	2.4	0.044 U	12	0.39	1.4 J	0.22	0.66	0.25	0.62 U
	07/27/11	DUP	0.29	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.53 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.3	1.6	2.6	0.044 U	12	0.36	0.8 J	0.15 U	0.3 U	0.15 U	0.62 U
	08/31/11	ORIG	0.57	0.17 U	0.18 U	0.18 U	0.064 U	0.16	0.63	0.15 U	0.16 U	1.1 U	0.19 UJ	1.9	1.4	3	0.041 U	19	0.6	2.5	0.3	0.83	0.31	0.58 U
	08/31/11	DUP	0.56	0.17 U	0.17 U	0.17 U	0.061 U	0.14	0.63	0.14 U	0.15 U	1.5	0.19 UJ	1.9	1.4	2.9	0.04 U	20	0.61	2.5	0.3	0.84	0.33	0.56 U
	09/27/11	ORIG	0.76	0.18 U	0.19 U	0.19 U	0.069	0.17 J	0.5	0.16 U	0.34	2	0.2 U	1.5	0.59	2.6	0.044 U	36	1.8	6	1	3.1	1.3	0.62 U
	09/27/11	DUP	0.73	0.19 U	0.19 U	0.19 U	0.069 U	0.44 J	0.49	0.16 U	0.34	2	0.21 U	1.5	0.6	2.6	0.045 U	36	1.9	6.3	1.1	3.2	1.4	0.63 U
	12/21/11	ORIG	0.49	0.18 U	0.18 U	0.18 U	0.067 U	0.24	0.9	0.16 U	0.2	1.2 U	0.2 U	1.4	0.84	2.8	0.043 U	19	2.7	7.7	1.2	4	1.4	0.61 U
	12/21/11	DUP	0.47	0.18 U	0.18 U	0.18 U	0.067 U	0.24	0.8	0.16 U	0.19	1.2 U	0.2 U	1.4	0.83	2.9	0.043 U	20	2.7	7.9	1.2	4.2	1.4	0.61 U
Interior Store																								
	09/08/06	ORIG	29	1.5	0.19	0.18 U	14	0.13 U	0.51	0.15 U	0.18	1.7	0.21	3.7	10	2.7	0.041 U	28	1.2	8.4	1.7	4.9	1.7	0.67
	03/03/09	ORIG	72	3.9	0.2 U	0.2 U	31	0.15 U	0.52	0.17 U	0.24	1.8	0.22 U	7.2	21	2.4	0.047 U	24	1.8	9.8	2.4	6.6	2.2	0.69

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	07/16/09	ORIG	16	0.89	0.18 U	0.18 U	3.9	0.13 U	0.58	0.15 U	0.22	1.5	0.2 U	2.2	2.5	2.5	0.042 U	26	1.5	7.8	1	3	0.83	0.59 U
	08/25/09	ORIG	17	1.3	0.28 U	0.28 U	4	0.21 U	0.49	1.2 U	0.33	2.4	1.6 U	2.2	2.9	2.4	0.066 U	71	2.6	8.8	1.6	4.3	1.7	0.93 U
	09/30/09	ORIG	36	2	0.19 U	0.19 U	7.8	0.14 U	0.61	0.16 U	0.21	7.9	0.21 U	2.3	5.9 J	2.7	0.045 U	32	1.1	5.8	0.85	2.3	0.7	0.63 U
	10/29/09	ORIG	82	3.9	0.18 U	0.18 U	14 J	0.14 U	0.51	0.15 U	0.27	2	0.2 U	3.6	15	2.3	0.043 U	26	2.5	9.7	1.4	4.3	1.3	0.6 U
	11/24/09	ORIG	130	6.6	0.23	0.2 U	34	0.15 U	0.49	0.17 U	0.44	2.8	0.23	7	22	2.7	0.047 U	35	3.3	19	2.6	8.1	2.6	0.66 U
	12/28/09	ORIG	180	9.7	0.36	0.24 U	69	0.18 U	0.44	0.2 U	0.46	1.6	0.26 U	15	44	2.6	0.056 U	40	1.5	7.4	1.6	4.6	1.5	0.79 U
	01/27/10	ORIG	100	5.4	0.23	0.2 U	34	0.14 U	0.48	0.16 U	0.41	3.1	0.22 U	7.6 J	19	2.5	0.046 U	30	1.7	10	1.5	4.2	1.3	0.64 U
	02/24/10	ORIG	40	2.1	0.2 U	0.2 U	14	0.14 U	0.53	0.16 U	0.19	5	0.22 U	3.5	8.9	2.6 J	0.046 U	16	1.5	5.4	0.86	2.8	0.91	0.64 U
	03/31/10	ORIG	16 J	0.95 J	0.15 UJ	0.15 UJ	6.1 J	0.13 J	0.44 J	0.12 UJ	0.13 UJ	1.1 J	0.16 UJ	2.1 J	4.4 J	2.2 J	0.034 UJ	14 J	0.65 J	7.3 J	0.41 J	0.97 J	0.3 J	0.48 UJ
	04/28/10	ORIG	23	1.4	0.19 U	0.19 U	6.9 J	0.14 U	0.41	0.16 U	0.17 U	3.4	0.2 U	2.2	4.8 J	2.4	0.044 U	19	0.47	1.6	0.37	0.8	0.22	0.62 U
	05/27/10	ORIG	26	1.3	0.18 U	0.18 U	8.5 J	0.13 U	0.53	0.15 U	0.2	1.4	0.19 U	2.7	5.2	2.8	0.041 U	18	0.72	3.8	0.63	1.5	0.46	0.58 U
	06/18/10	ORIG	1.8	0.17 U	0.17 U	0.17 U	0.24	0.12	0.38	0.14 U	0.16	1.1 U	0.19 U	1.4	0.7	2.3	0.04 U	22	0.61	3.7	0.35	0.84	0.36	0.56 U
	06/24/10	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.22	0.13 U	0.42	0.15 U	0.16 U	1.3	0.2 U	1.8	0.7	2.7	0.042 U	25	0.75	3.7	0.32	0.65	0.2	0.59 U
	07/01/10	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.17	0.14 U	0.4	0.15 U	0.2	1.8	0.2 U	1.8	0.66	2.6	0.043 U	34	1.1	6.6	0.6	1.5	0.44	0.6 U
	07/08/10	ORIG	0.62	0.2 U	0.2 U	0.2 U	0.072 U	0.15 UJ	0.39	0.17 U	0.18 U	2	0.22 U	1.7	0.75	2.6	0.047 U	30	0.81	2.6	0.37	0.74	0.29	0.66 U
	07/28/10	ORIG	1.1	0.15 U	0.15 U	0.15 U	0.19	0.11 U	0.43	0.13 U	0.14	1.3	0.17 U	1.3	0.46	2	0.036 U	28	1.1	5.8	1	3.3	1.1	0.51 U
	08/27/10	ORIG	0.69	0.17 U	0.18 U	0.18 U	0.14	0.13 U	0.41	0.15 U	0.24	2	0.19 U	1.6 J	0.7	2.3	0.041 U	20	1.2	4.4	0.6	1.4	0.45	0.58 U
	09/29/10	ORIG	0.92	0.17 U	0.18 U	0.18 U	0.24	0.13 U	0.45	0.15 U	0.22	1.8	0.19 U	2	0.87	2.8	0.041 U	31	2	6.6	1	2.5	0.84	0.58 U
	10/27/10	ORIG	0.77	0.18 U	0.18 U	0.18 U	0.19	0.14 U	0.45	0.15 U	0.19	1.4	0.2 U	2	1.6	2.6	0.043 U	18	2	5.9	1	3	0.9	0.6 U
	11/30/10	ORIG	1.9	0.17 U	0.18 U	0.18 U	0.51	0.18	0.43 J	0.15 U	0.17	1.2	0.19 U	1	0.61	2.4	0.041 U	21	2.5	7.2	1.4	4.6	1.4	0.58 U
	12/28/10	ORIG	1.6	0.18 U	0.18 U	0.18 U	0.2	0.26	0.47 J	0.15 U	0.18	1.7	0.2 U	1.4	0.66	2.6	0.042 U	26	3.3	22	2.2	5.6	2.2	0.59 U
	01/26/11	ORIG	8.4	0.17 U	0.18 U	0.18 U	0.23	0.13 U	0.5 J	0.15 U	0.25	2.7	0.19 U	1.8	1.2	2.6	0.041 U	35	3.6	12	2	6.2	1.6	0.58 U
	02/28/11	ORIG	0.83	0.19 U	0.19 U	0.19 U	0.14 J	0.14	0.38	0.16 U	0.17 U	1.2 U	0.21 U	1.5	0.64	2.4	0.045 U	13	1.5	4.3	0.89	2.7	0.91	0.63 U
	03/30/11	ORIG	1.4	0.18 U	0.18 U	0.18 U	0.28 J	0.14 U	0.46	0.15 U	0.31	1.7	0.2 U	0.83	0.6	2.3	0.043 U	19	1.5	6.9	1.1	3.4	1	0.6 U
	04/29/11	ORIG	0.64 J	0.17 U	0.18 U	0.18 U	0.088	0.13 U	0.47 J	0.15 U	0.22 J	1.8	0.19 J	2 J	2.6 J	3	0.041 U	21 J	0.87 J	5.2 J	0.74 J	1.6 J	0.47 J	0.58 U
	04/29/11	DUP	0.26 J	0.17 U	0.17 U	0.17 U	0.07	0.14	0.5	0.14 U	1.8 J	1.1	0.19 UJ	2	1.2 J	3	0.04 U	16 J	0.55 J	2.1 J	0.18 J	0.43 J	0.15 J	0.56 U
	05/31/11	ORIG	2	0.2 U	0.2 U	0.2 U	0.38	0.15 UJ	0.53 J	0.17 U	0.2	2.2	0.22 U	1.3	1.7	2.7	0.047 U	20	1.7	6.8	1.2	3.6	1.2 J	0.66 U
	06/29/11	ORIG	0.87	0.18 U	0.18 U	0.18 U	0.09	0.13	0.5	0.15 U	0.16 U	1.4	0.2 UJ	1.3	1.7	2.5	0.042 U	21	0.88	3.8	0.97	2.9	1	0.6 U
	07/27/11	ORIG	0.58	0.16 U	0.16 U	0.16 U	0.062	0.12 U	0.5 J	0.13 U	0.14 U	1.4	0.18 UJ	1.2	5.9	2.4	0.037 U	19	0.49	2.9	0.75	2.1	0.67	0.53 U
	08/31/11	ORIG	0.98	0.17 U	0.17 U	0.17 U	0.092	0.14	0.61	0.14 U	0.17	1.3	0.19 UJ	1.8	3	3	0.04 U	27	0.7	3	0.68	1.7	0.58	0.56 U
	09/27/11	ORIG	0.91	0.18 U	0.19 U	0.19 U	0.093	0.17	0.49	0.16 U	0.35	2.3	0.2 U	1.5	0.7	2.6	0.044 U	43	2	7.5	1.6	5.1	1.7	0.62 U
	12/21/11	ORIG	0.65	0.19 U	0.19 U	0.19 U	0.069 U	0.27	0.62	0.16 U	0.21	1.2 U	0.21 U	1.4	0.98	2.9	0.045 U	37	2.8	8.4	1.5	4.8	1.5	0.63 U
Warehouse																								
	09/08/06	ORIG	7.1	0.44	0.18 U	0.18 U	3.6	0.13 U	0.54	0.15 U	0.16 U	1.1 U	0.19 U	2.2	3.4	2.9	0.041 U	31	1.2	6.9	1	3.7	1.4	0.58 U
	03/03/09	ORIG	6	0.48	0.18 U	0.18 U	2.4	0.14 U	0.53	0.15 U	0.16 U	1.2 U	0.2 U	2.9	2.3	2.4	0.043 U	12	1.4	6.3	0.85	2.7	1	0.6 U
	07/16/09	ORIG	4.3	0.32	0.2 U	0.2 U	0.96	0.15 U	0.58	0.17 U	0.18 U	1.3 U	0.22 U	1.8	0.92	2.5	0.047 U	23	1.2	5.2	0.56	1.4	0.5	0.66 U
	08/25/09	ORIG	5.7	0.72	0.18 U	0.18 U	1.2	0.14 U	0.78	0.77 U	0.28	1.2	1.3	1.9	1.4	2.4	0.043 U	22	2.3	8.6	1.4	3.8	1.4	0.6 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/30/09	ORIG	8.5	0.69	0.2 U	0.2 U	1.8	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.22 U	1.8	2.6 J	2.8	0.046 U	18	0.9	4.1	0.42	0.94	0.33	0.64 U
	10/29/09	ORIG	8.9	0.82	0.16 U	0.16 U	1.5 J	0.12 U	0.5	0.14 U	0.17	1 U	0.18 U	1.6	6.1	2.5	0.038 U	21	2	8.8	0.8	2.4	0.84	0.54 U
	11/24/09	ORIG	9.5	0.72	0.19 U	0.19 U	1.8	0.14 U	0.46	0.16 U	0.24	1.2 U	0.2 U	1.9	1.9	2.5	0.044 U	29	2	9.3	1.1	3.2	1.1	0.62 U
	12/28/09	ORIG	20	0.93	0.19 U	0.19 U	5.8	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.21 U	2.8	5.4	2.4	0.044 U	20	1.1	3.8	0.65	1.8	0.68	0.62 U
	01/27/10	ORIG	8.4	0.45	0.18 U	0.18 U	2.2	0.13 U	0.45	0.15 U	0.16 U	3	0.2 U	1.9 J	2	2.4	0.042 U	22	0.97	7.5	0.61	1.6	0.6	0.59 U
	02/24/10	ORIG	12	0.78	0.16 U	0.16 U	3.7	0.12 U	0.52	0.14 U	0.15 U	1	0.18 U	2	3.1	2.8 J	0.039 U	14	1.4	6.7	0.76	2.3	0.75	0.55 U
	03/31/10	ORIG	6.9	0.5	0.15 U	0.15 U	2.9	0.13	0.38	0.13 U	0.14 U	2	0.17 U	1.6	2.8	2.3	0.036 U	11	0.47	3.4	0.3	0.97	0.27	0.51 U
	04/28/10	ORIG	2.9	0.28	0.2 U	0.2 U	0.77 J	0.15 U	0.41	0.17 U	0.18 U	1.3 U	0.22 U	1.5	1.3 J	2.5	0.048 U	7.2	0.38	1	0.16 U	0.32 U	0.16 U	0.67 U
	05/27/10	ORIG	3.9	0.34	0.18 U	0.18 U	1.2 J	0.13 U	0.56	0.15 U	0.16 U	1.1 U	0.19 U	1.9	1.5	3	0.041 U	22	0.62	3.1	0.3	0.73	0.24	0.58 U
	06/18/10	ORIG	0.43	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.36	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.54	2.3	0.045 U	27	0.43	4.1	0.24	0.52	0.18	0.63 U
	06/24/10	ORIG	0.34	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.2 U	1.7	0.63	2.6	0.044 U	30	0.71	3.9	0.25	0.48	0.15	0.62 U
	07/01/10	ORIG	0.38	0.15 U	0.15 U	0.15 U	0.054 U	0.11 U	0.35	0.12 U	0.16	1.2	0.16 U	1.6	0.53	2.4	0.035 U	27	0.97	4.6	0.3	0.66	0.21	0.49 U
	07/08/10	ORIG	0.23	0.17 U	0.17 U	0.17 U	0.063 U	0.13 UJ	0.43	0.14 U	0.15 U	1.2	0.19 U	1.8	0.76	2.8	0.04 U	20	0.69	2.3	0.2	0.45	0.19	0.57 U
	07/28/10	ORIG	0.38	0.16 U	0.16 U	0.16 U	0.059 U	0.12 U	0.48	0.14 U	0.14 U	1.3	0.18 U	1.2	0.46	2	0.038 U	52	0.69	2.5	0.39	1	0.38	0.54 U
	08/27/10	ORIG	0.38	0.18 U	0.19 U	0.19 U	0.08	0.14 U	0.42	0.16 U	0.19	1.2	0.2 U	1.7	0.72	2.2	0.044 U	16	0.91	3.5	0.38	0.88	0.29	0.62 U
	09/29/10	ORIG	0.68	0.19 U	0.19 U	0.19 U	0.5	0.14 U	0.49	0.16 U	0.18	1.2	0.21 U	1.8	1.1	2.7	0.045 U	33	1.4	4.8	0.67	1.8	0.63	0.63 U
	10/27/10	ORIG	0.4	0.18 U	0.18 U	0.18 U	0.096	0.14 U	0.44	0.15 U	0.16 U	1.2 U	0.2 U	1.5	1.1	2.7	0.043 U	10	1.6	4.1	0.58	1.6	0.6	0.6 U
	11/30/10	ORIG	0.87	0.18 U	0.18 U	0.18 U	0.11	0.19	0.45 J	0.15 U	0.16 U	1.1 U	0.2 U	1	0.54	2.5	0.042 U	18	2.2	5.8	0.95	3	0.99	0.59 U
	12/28/10	ORIG	0.93	0.14 U	0.15 U	0.15 U	0.12	0.11	0.48 J	0.12 U	0.13 U	0.93 U	0.16 U	1.4	0.61	2.7	0.034 U	13	2.2	6	0.76	2.2	0.71	0.48 U
	01/26/11	ORIG	1.1	0.19 U	0.19 U	0.19 U	0.11	0.14 U	0.46 J	0.16 U	0.18	2.2	0.21 U	1.7	0.73	2.7	0.045 U	24	2.2	6.6	0.83	2.3	0.68	0.63 U
	02/28/11	ORIG	0.57	0.19 U	0.2 U	0.2 U	0.12 J	0.14 U	0.32	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.61	2.4	0.046 U	9.3	1.2	2.8	0.44	1.3	0.45	0.64 U
	03/30/11	ORIG	0.78	0.17 U	0.17 U	0.17 U	0.061 U	0.12 U	0.48	0.14 U	0.22	2.9	0.19 U	1.5	0.72	2.5	0.04 U	21	1.2	9.8	0.69	1.8	0.72	0.56 U
	04/29/11	ORIG	0.2 J	0.14 UJ	0.15 UJ	0.15 UJ	0.053 UJ	0.15 J	0.47 J	0.12 UJ	0.16 J	7.1 J	0.16 UJ	2 J	0.82 J	3 J	0.034 UJ	13 J	0.62 J	2.5 J	0.29 J	0.65 J	0.2 J	0.48 UJ
	05/31/11	ORIG	0.96	0.2 U	0.21 U	0.21 U	0.11	0.15 UJ	0.5 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.78	2.5	0.049 U	14	1.2	4.2	0.57	1.6	0.56 J	0.69 U
	06/29/11	ORIG	0.67	0.18 U	0.18 U	0.18 U	0.071	0.14 U	0.6	0.15 U	0.16 U	1.2	0.2 UJ	1.2	0.66	2.4	0.043 U	15	0.63	2.5	0.38	1.2	0.42	0.6 U
	07/27/11	ORIG	0.27	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.48 J	0.16 U	0.17 U	1.2 U	0.21 UJ	1.2	0.64	2.4	0.045 U	14	0.44	2	0.25	0.71	0.26	0.63 U
	08/31/11	ORIG	0.44	0.17 U	0.18 U	0.18 U	0.064 U	0.14	0.61	0.15 U	0.16 U	1.1 U	0.19 UJ	1.8	0.96	3	0.041 U	14	0.68	2.3	0.33	0.89	0.31	0.58 U
	09/27/11	ORIG	0.74	0.19 U	0.19 U	0.19 U	0.069 U	0.17	0.44	0.16 U	0.28	2	0.21 U	1.3	0.54	2.3	0.045 U	31	1.8	6.1	0.99	3	1.1	0.63 U
	12/21/11	ORIG	0.45	0.19	0.19 U	0.19 U	0.068 U	0.26	0.76	0.16 U	0.16 J	1.2 U	0.21 U	1.4	0.7	2.8	0.044 U	20	2.6	7.6	1.1	3.6	1.2	0.62 U
Former OCMA/Current Tomacico																								
Admin Office																								
	09/08/06	ORIG	0.43 U	0.34 U	0.34 U	0.34 U	0.2	0.26 U	0.52	0.29 U	0.66	2.2 U	0.38 U	1.7	1.2	2.9	0.081 U	95	1.2	16	1	3	1.2	1.1 U
	03/31/10	ORIG	0.61 U	0.48 U	0.49 U	0.49 U	1.1	0.36 U	0.56 U	0.41 U	1.2	3.1 U	0.54 U	6.5	2.3	14	0.11 U	90	0.72 U	3.7	0.44	0.78 U	0.39 U	1.6 U
	04/29/11	ORIG	0.24	0.18 U	0.18 U	0.18 U	0.065 U	0.13	0.47	0.15 U	1.1	1.1 U	0.2 UJ	2	0.68	2.9	0.042 U	25	0.61	2.2	0.18	0.48	0.16	0.59 U
Nurses Station																								
	09/08/06	ORIG	0.44	0.35 U	0.35 U	0.35 U	0.23	0.32	0.5	0.3 U	0.57	2.2 U	0.39	1.8	1.6	3.4	0.082 U	99	1.1	17	0.94	3.1	1.3	1.2 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	03/31/10	ORIG	9.5 U	7.5 U	7.6 U	7.6 U	1.6 J	5.7 U	8.8 U	6.4 U	6.8 U	4.9 U	8.4 U	3.5 J	11 U	5.5 J	3.6 U	51	0.79 J	3.7 J	0.57 J	1 J	6.1 U	5 U
	04/29/11	ORIG	0.22 U	0.18 U	0.18 U	0.18 U	0.065 U	0.13	0.46	0.15 U	0.55	1.1 U	0.2 UJ	2	0.66	2.9	0.042 U	24	0.62	2.2	0.18	0.51	0.16	0.59 U
Tomacico Admin Office																								
	09/27/11	ORIG	0.55	0.18 U	0.18 U	0.18 U	0.089	0.45	0.47	0.15 U	5.6	6.7	0.2 U	2	0.67	2.4	0.043 U	140 E	1.6	14	1.6	6	3.2	0.6 U
Fred R. Rippy Company																								
Front Office																								
	07/01/10	ORIG	12	140	0.18 U	0.18 U	9.7	0.6	0.4	0.15 U	0.33	2.1	8.8	4	7.1	2.7	0.043 U	36 J	0.94	3.2	0.3	0.73	0.29	0.6 U
	07/01/10	DUP	12	140	0.18 U	0.18 U	10	0.59	0.41	0.15 U	0.33	1.7	9.4	4.1	7.6	2.6	0.043 U	49 J	0.92	3	0.3	0.74	0.25	0.6 U
	08/27/10	ORIG	1.2	6.1	0.19 U	0.19 U	0.63	0.25	0.42	0.16 U	0.18	1.2 U	1.1	1.6	0.96	2.2	0.044 U	19	1	3.3	0.37	0.92	0.3	0.62 U
	08/27/10	DUP	1.2	6.3	0.18 U	0.18 U	0.64	0.24	0.43	0.15 U	0.18	1.2 U	1.2	1.7	1	2.3	0.043 U	19	1	3.4	0.4	0.95	0.3	0.6 U
	11/30/10	ORIG	34 J	2.8	0.15 U	0.15 U	18	0.39	0.42 J	0.12 U	0.39	1.8	4.7	3.5	8.7	2.6	0.035 U	69 EJ	4.7	12	1.5	5.6	2	0.49 U
	11/30/10	DUP	42 J	3.3	0.18 U	0.18 U	22	0.38	0.46 J	0.15 U	0.45	1.1 U	5.2	4.1	10	2.6	0.041 U	99 EJ	4.8	10	1.4	5	1.8	0.58 U
	01/26/11	ORIG	28	2.2	0.21	0.18 U	15	0.48	0.51 J	0.15 U	0.44	2	4.8	4.5	8.4	2.6	0.041 U	170 E	3.3	11	1.5	5.5	1.9	0.58 U
	01/26/11	DUP	29	2.3	0.21	0.18 U	15	0.39	0.52 J	0.15 U	0.45	1.9	5.2	4.5	8.5	2.7	0.043 U	170 E	3.3	11	1.5	5.6	2.1	0.6 U
	02/28/11	ORIG	25 J	2.1 J	0.15 U	0.15 U	18 J	0.2	0.37	0.12 U	0.42	0.92 J	2.9	4.4 J	8.2 J	2.5	0.034 U	27 J	2.4	7 J	1 J	3.5 J	1.2 J	0.48 U
	02/28/11	DUP	47 J	3.8 J	0.18 U	0.18 U	33 J	0.25	0.41	0.15 U	0.52	1.1 U	3.2	6.8 J	14 J	2.4	0.041 U	44 J	2	5.7 J	0.81 J	2.7 J	0.92 J	0.58 U
	03/30/11	ORIG	36	2.9	0.35 U	0.35 U	31 J	0.48	0.5	0.3 U	0.46	2.2 U	15 J	4.7	12	2.5	0.082 U	100	1.2	5.1	0.56	1.6	0.55 J	1.2 U
	03/30/11	DUP	36	3	0.35 U	0.35 U	30 J	0.37	0.51	0.3 U	0.45	2.2 U	6.6 J	4.6	12	2.6	0.082 U	100	1.3	5.2	0.54	1.5	0.48 J	1.2 U
	04/29/11	ORIG	31	2.4	0.19 U	0.19 U	18	0.34 J	0.47 J	0.16 U	0.43	1.2 U	9.7 J	5.8 J	9.2	2.8	0.044 U	38	0.63	3.8 J	0.25 J	0.64 J	0.2	0.62 U
	04/29/11	DUP	27	2.1	0.18 U	0.18 U	15	0.6 J	0.45 J	0.15 U	0.39	1.2	8.4 J	5.1 J	7.8	2.7	0.041 U	35	0.68	10 J	0.56 J	1 J	0.32	0.58 U
	05/31/11	ORIG	45	3.1	0.25	0.18 U	23	0.3 J	0.51 J	0.15 U	0.51	1.1 U	24	3.1	7.7	2.5	0.042 U	38	1.2	4.7	0.64	2	0.71 J	0.59 U
	06/29/11	ORIG	24	1.8	0.17 U	0.17 U	11	0.41	0.54	0.14 U	0.29	1.1 U	13 J	2.6	4.3	2.5	0.039 U	58	0.71	2.8	0.45	1.4	0.59	0.55 U
	07/27/11	ORIG	19	1.4	0.16 U	0.16 U	8.9	0.12 U	0.56 J	0.13 U	0.28	1.2	15 J	2.4	3.7	2.5	0.037 U	26	0.42	1.8	0.32	0.99	0.37	0.53 U
	08/31/11	ORIG	24	1.8	0.17 U	0.17 U	11	0.45	0.63	0.14 U	0.33	1.2	15 J	6.7	4.5	2.9	0.04 U	32	0.61	2.5	0.39	1.1	0.4	0.57 U
	09/27/11	ORIG	22	1.8	0.19 U	0.19 U	11	0.39	0.49	0.16 U	0.5	2.3	13	2.7	3.9	2.5	0.044 U	49	2.1	7.4	1.4	5	2.2	0.62 U
	09/27/11	DUP	21	1.8	0.18 U	0.18 U	10	0.39	0.48	0.15 U	0.5	2.3	12	2.7	4	2.5	0.043 U	48	2	7.2	1.3	4.7	2.1	0.6 U
	10/28/11	ORIG	26	2.1	0.18 U	0.18 U	13	0.34 J	0.51	0.15 U	0.51	1.6	1.8 J	3.1	4.5	2.6	0.043 U	78	3.2	10	1.4 J	4.6 J	1.6 J	0.6 U
	10/28/11	DUP	26	2	0.17 U	0.17 U	12	0.32 J	0.5	0.14 U	0.51	1.7	6.7 J	2.8	4.3	2.5	0.04 U	73	3.1	10	1.9 J	7.2 J	2.7 J	0.57 U
	11/30/11	ORIG	85	6.4	0.2 U	0.2 U	37	0.42	0.5	0.17 U	0.95	2.1	6.7 J	5.7	14	2.5	0.047 U	77 J	3.2	12	1.9	6.1	2.2	0.66 U
	11/30/11	DUP	84	6.3	0.2 U	0.2 U	37	0.43	0.5	0.17 U	0.99	2	5 J	5.5	14	2.5	0.047 U	100 E	3.2	12	1.8	6	2.2	0.66 U
	12/21/11	ORIG	35	2.6	0.18 U	0.18 U	16	0.38	0.8	0.16 U	0.45	1.2 U	5.5 J	3.4	6.5	2.6	0.043 U	27	3	9.6	1.5	5.4	1.8	0.61 U
	12/21/11	DUP	35	2.8	0.18 U	0.18 U	18	0.42	0.87	0.16 U	0.48	1.2 U	2.7 J	3.6	6.9	2.8	0.043 U	32	3.3	10	1.5	5.1	1.7	0.61 U
	01/31/12	ORIG	37	2.8	0.18 U	0.18 U	18	0.14 U	0.53	0.16 U	0.38	1.2 U	8	3.4	7	2.4	0.043 U	22	1.5	5.5	0.8	2.9	0.96	0.61 U
	01/31/12	DUP	36	2.8	0.18 U	0.18 U	18	0.14 U	0.52	0.16 U	0.38	1.2 U	7.5	3.3	6.9	2.5	0.043 U	23	1.5	5.6	0.78	2.8	0.95	0.61 U
Production Area																								
	07/01/10	ORIG	14	990	4.7 U	4.7 U	5.7	3.5 U	5.4 U	3.9 U	4.2 U	5.1	5.1 U	4.8 U	6.6 U	4.2 U	2.2 U	30	2.7 U	4.6	3.7 U	3.7 U	3.7 U	3.1 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	08/27/10	ORIG	5.9	130	0.19 U	0.19 U	2.4	0.14 U	0.4	0.16 U	0.17	1.4	1	2	1.8	2.3	0.044 U	16	1	2.9	0.35	0.89	0.28	0.62 U
	11/30/10	ORIG	37	3.7	0.45	0.15 U	14	0.21	0.42 J	0.43	0.36	1.2	12	2.9	6.6	2.5	0.034 U	140 E	8.4	19	1.8	6.7	2.8	0.48 U
	01/26/11	ORIG	30	2.5	0.61	0.19 U	9.5	0.26	0.51 J	0.18	0.4	1.9	6.6	3.7	5.4	2.6	0.045 U	270 E	2.8	16	1.8	6.2	2.4	0.63 U
	02/28/11	ORIG	51	4.3	0.28	0.18 U	24 J	0.24	0.41	0.15 U	0.44	1.1 U	1.5	5	9.2	2.3	0.042 U	160 E	2	6.1	0.71	2.2	0.72	0.59 U
	03/30/11	ORIG	32	3	1.5 U	1.5 U	10 J	1.1 U	1.7 U	1.2 U	1.3 U	9.4 U	19	3.9	5.2	2.4	0.35 U	140	2.2 U	5.1	1.2 U	2.4 U	1.2 U	4.9 U
	04/29/11	ORIG	10	0.77	0.19 U	0.19 U	3.1	0.15	0.44 J	0.16 U	0.16	1.2 U	2.7 J	2.6 J	1.9	2.8	0.044 U	210 E	0.66	3.9	0.22	0.58	0.19	0.62 U
	05/31/11	ORIG	35	2.3	1.2	0.18 U	13	0.14 J	0.5 J	0.15 U	0.4	1.6	29	2.5	4.8	2.5	0.043 U	32	1.2	5.2	0.69	2.6	1.1 J	0.6 U
	06/29/11	ORIG	13	0.96	0.18 U	0.18 U	3.8	0.13 U	0.53	0.15 U	0.2	1.2 U	2.6 J	1.8	1.8	2.5	0.042 U	130 E	0.74	9.9	1.5	2.7	0.81	0.6 U
	07/27/11	ORIG	6.7	0.48	0.16 U	0.16 U	1.9	0.12 U	0.57 J	0.14 U	0.14 U	1.3	5.2 J	1.5	1.1	2.6	0.038 U	13	0.45	1.6	0.25	0.8	0.29	0.54 U
	08/31/11	ORIG	16	1	0.16 U	0.16 U	4.2	0.13	0.55	0.14 U	0.21	4.2	4.3 J	11	1.8	2.8	0.038 U	24	0.7	4.1	0.51	1.5	0.64	0.54 U
	09/27/11	ORIG	24	1.8	0.18 U	0.18 U	7.6	0.16	0.47	0.15 U	0.5	2.8	4.4	2.4	3	2.5	0.043 U	45	2.2	6.7	1.1	3.7	1.5	0.6 U
	10/28/11	ORIG	20	1.6	0.18 U	0.18 U	6.6	0.15 J	0.5	0.15 U	0.41	1.4	3.4 J	2	2.4	2.5	0.043 U	150 E	3.6	11	2.3	8	3.1	0.6 U
	11/30/11	ORIG	82	5.4	0.2 U	0.2 U	23	0.18	0.47	0.17 U	0.74	1.8	5.6 J	4	7.5	2.4	0.047 U	92 E	2.8	9.6	1.5	5	1.9	0.66 U
	12/21/11	ORIG	17	2	0.18 U	0.18 U	10	0.3	0.72	0.15 U	0.39	1.4	0.19 U	2.5	3.7	2.7	0.041 U	37	2.5	3.6	0.14 U	0.28 U	0.14 U	0.58 U
	01/31/12	ORIG	30	2.1	0.18 U	0.18 U	10	0.14 U	0.6	0.15 U	0.26	1.2 U	14	2.3	3.2	2.5	0.043 U	15	1.2	6.1	0.69	2.7	1	0.6 U
Warehouse																								
	07/01/10	ORIG	12	410	7.6 U	7.6 U	5.6 U	5.7 U	8.8 U	6.4 U	6.8 U	4.9 U	8.4 U	7.9 U	11 U	6.9 U	3.6 U	47	4.5 U	9.2	6.1 U	6.1 U	6.1 U	5 U
	08/27/10	ORIG	11	65	1.8 U	1.8 U	2	1.4 U	2.1 U	1.5 U	1.6 U	12 U	2 U	2.6	2.8	2.3	0.43 U	24	2.7 U	7.7	1.4 U	3.2	1.5	6 U
	11/30/10	ORIG	13	1.9	0.94	0.18 U	4.6	0.18	0.46 J	0.53	0.27	1.1 U	6.9	2.1	4.4	2.4	0.042 U	27	3	24	1.3	4.6	2	0.59 U
	01/26/11	ORIG	12	2.1	0.91	0.18 U	3.3	0.2	0.5 J	0.47	0.29	1.6	5.6	2.6	3.1	2.6	0.042 U	59	3	20	2	6.8	2.7	0.59 U
	02/28/11	ORIG	9.7	1.4	0.9	0.16 U	4 J	0.13	0.43	0.15	0.25	1 U	1	2.4	2.8	2.4	0.037 U	21	1.9	10	0.76	2.5	0.92	0.53 U
	03/30/11	ORIG	9.2	3.5	1.7 U	1.7 U	2.6 J	1.3 U	2 U	1.4 U	1.5 U	11 U	4.7	2.6	2.4 J	2.5	0.4 U	32	2.5 U	5.4	1.4 U	2.7 U	1.4 U	5.7 U
	04/29/11	ORIG	1.6	1.7	0.21	0.15 U	0.31	0.11 U	0.48 J	0.12 U	0.15	0.93 U	2.9 J	2 J	1.1	2.8	0.034 U	15	0.57	1.4	0.27	0.96	0.38	0.48 U
	05/31/11	ORIG	4.4	0.39	0.78	0.18 U	1.2	0.13 UJ	0.52 J	0.15 U	0.26	1.3	6	1.4	1.2	2.6	0.042 U	18	1.4	5.6	0.76	3	1.3 J	0.59 U
	06/29/11	ORIG	6.8	0.6	0.18 U	0.18 U	1.7	0.14 U	0.53	0.15 U	0.16 U	1.2 U	0.22 J	1.6	1.4	2.4	0.043 U	23	0.62	2.9	0.49	1.4	0.54	0.6 U
	07/27/11	ORIG	6.2	0.52	0.16 U	0.16 U	1.5	0.12 U	0.5 J	0.14 U	0.14 U	1.3	1.3 J	1.4	1.2	2.2	0.038 U	9.1	0.68	2.7	0.43	1.2	0.48	0.54 U
	08/31/11	ORIG	11	0.86	0.18 U	0.18 U	2.7	0.13 U	0.6	0.15 U	0.22	1.1 U	3.5 J	9.9	2.1	3	0.041 U	14	0.72	2.1	0.38	1.1	0.48	0.58 U
	09/27/11	ORIG	11	1.1	0.19 U	0.19 U	3.2	0.15	0.5	0.16 U	0.46	2.4	1.2	2	2.1	2.3	0.044 U	34	2.2	6.4	0.97	2.9	1.1	0.62 U
	10/28/11	ORIG	8.4	0.77	0.18 U	0.18 U	2.4	0.14 J	0.49	0.15 U	0.34	1.3	1 J	1.7	1.6	2.4	0.042 U	45	3	9.4	1.6	6.1	2.2	0.59 U
	11/30/11	ORIG	34	3.1	0.18 U	0.18 U	10	0.3	0.39	0.15 U	0.65	2.4	5 J	3	5.3	2.4	0.043 U	100 E	3.3	16	2.1	6.7	2.4	0.6 U
	12/21/11	ORIG	11	1.1	0.18 U	0.18 U	3.8	0.22	0.78	0.15 U	0.3	1.1 U	5	2	2.2	2.8	0.042 U	30	3.6	13	1.8	6.2	2.1	0.59 U
	01/31/12	ORIG	9.6	0.83	0.18 U	0.18 U	2.9	0.13 U	0.6	0.15 U	0.18	1.2 U	5	1.6	1.7	2.5	0.042 U	15	1.5	5	0.85	3.2	1.2	0.6 U
InterHealth Former MRI Building																								
Open Office																								
	04/29/11	ORIG	0.2 U	0.15 U	0.16 U	0.16 U	0.057 U	0.15	0.44	0.13 U	0.17	2.9	0.17 UJ	20	0.61	2.7	0.037 U	16	0.66	4.8	0.31	0.56	0.18	0.52 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Waiting Room T11033																								
	04/29/11	SPLIT	0.23	0.095	0.11 U	0.11 U	0.04 U	0.081 U	0.55	0.092 U	0.12	0.69 U	0.12 J	24 J	0.63	18 J	0.026 U	10 J	0.65	2 J	0.35 J	1.1 J	0.44	0.36 U
	04/29/11	ORIG	0.2 U	0.16 U	0.16 U	0.16 U	0.059 U	0.13	0.47	0.14 U	0.14 U	1 U	0.18 UJ	30 J	0.64	2.7 J	0.038 U	13 J	0.54	1.5 J	0.16 J	0.39 J	0.13 U	0.54 U
LA Carts																								
Admin Office																								
	09/08/06	ORIG	0.24	1.2	0.15 U	0.15 U	0.06	0.11 U	0.5	0.12 U	0.14	5.2	0.16	1.5	0.7	2.6	0.034 U	74 E	1.6	10	1.2	4.5	1.7	0.48 U
	03/31/10	ORIG	0.25 U	0.66	0.2 U	0.2 U	0.2	0.16	0.38	0.17 U	0.18 U	1.6	0.22 U	1	0.79	2	0.048 U	12	0.55	5.7	0.2	0.46	0.16 U	0.67 U
Large Production Room																								
	09/08/06	ORIG	1.6	0.38 U	0.39 U	0.39 U	2.5	0.29 U	0.52	0.33 U	0.37	5.9	0.43 U	2.9	8.7	3.2	0.092 U	480 E	2.2	210	2	7.3	2.6	1.3 U
	03/31/10	ORIG	0.25	0.28	0.18 U	0.18 U	0.74	0.13 U	0.38	0.15 U	0.16 U	1.1 U	0.2 U	1.2	1.4	2	0.042 U	15	0.55	43	0.35	0.94	0.23	0.59 U
Small Production Room																								
	09/08/06	ORIG	1.1 U	0.88 U	0.89 U	0.89 U	3.6	0.66 U	1 U	0.76 U	0.8 U	5.7 U	0.99 U	3.2	14	2.9	0.21 U	1200 E	1.3	570	0.95	2.9	1	3 U
	03/31/10	ORIG	0.24 J	0.2 U	0.2 U	0.2 U	0.79	0.15 U	0.38	0.17 U	0.18 U	1.3 U	0.22 U	1.3	1.5	2.1	0.047 U	13	0.58	52	0.22	0.4	0.16 U	0.66 U
Madsen Roofing																								
Office																								
	07/23/08	ORIG	2.5	0.96	0.19	0.18 U	0.21	0.2	0.44	0.15 U	0.27	1.1 U	0.2 U	1.2	1	2.1	0.042 U	37	1.5	6.3	4.4	12	1.9	0.59 U
	07/23/08	DUP	1.6 J	0.19 J	0.15 UJ	0.15 UJ	0.053 UJ	0.11 UJ	0.43 J	0.12 UJ	0.16 J	0.93 UJ	0.16 UJ	1.3 J	0.81 J	2.2 J	0.034 UJ	18 J	0.77 J	4 J	7.3 J	21 J	2.9 J	0.48 UJ
	03/03/09	ORIG	2.3	0.37	0.18 U	0.18 U	0.26	0.13 U	0.53	0.15 U	0.17	1.1 U	0.2 U	2.5	0.96	2.5	0.042 U	23	1.7	9.5	1.3	4.7	1.7	0.59 U
	03/31/10	ORIG	5	0.53	0.2 U	0.2 U	0.78	0.16	0.42	0.17 U	0.36	1.3 U	0.22 U	1.3	1.7	2.1	0.048 U	32	2.6	8.3	0.95	3	1.1	0.67 U
	09/29/10	ORIG	0.51	0.19 U	0.2 U	0.2 U	0.16	0.14 U	0.44	0.16 U	0.18	1.6	0.22 U	2	0.84	2.9	0.046 U	30	5.4	10	1.4	4.2	1.4	0.64 U
	03/30/11	ORIG	0.47	0.15 U	0.16 U	0.16 U	0.46 J	0.18	0.44	0.13 U	0.18	2.5	0.17 U	1.9	0.8	2.5	0.037 U	40	7.6	14	1.8	6.3	2.7 J	0.52 U
	09/27/11	ORIG	0.65	0.19 U	0.2 U	0.2 U	0.071 U	0.16	0.44	0.16 U	0.3	2.5	0.22 U	1.5	0.56	2.3	0.046 U	50	3.3	7.8	1.2	3.9	1.5	0.64 U
Warehouse																								
	07/23/08	ORIG	1.6	0.28	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.81	2.4	0.045 U	18	0.94	4.2	13	37	4.9	0.63 U
	07/23/08	EPA	6.1 U	4.83 U	4.91 U	4.91 U	3.57 U	3.64 U	5.66 U	4.14 U	4.39 U	23.95	5.41 U	5.06 U	6.9 U	4.45 U	2.3 U	--	2.87 U	3.39 U	3.91 U	7.38 U	3.91 U	--
Medlin & Son																								
Front office area																								
	05/11/04	ORIG	4.3	2.7	0.46 U	0.46 U	5.1	0.34 U	0.67	0.39 U	0.42 U	3.9	0.95	8.7	40	2.6 J	0.11 U	3400 E	1	5.3	0.79	2.2	0.87	1.5 U
	09/14/05	ORIG	22	14	0.18 U	0.18 U	10	0.13 U	0.84	0.15 U	0.27	1.7	0.2	12	34	1.8	0.041 U	530 E	1	7.4	0.72	2.5	0.9	0.58 U
	03/03/09	ORIG	17	6.6	0.36 U	0.36 U	4.4	0.27 U	0.52	0.31 U	0.33 U	34	0.49	4.8	9.8	2.5	0.086 U	3800 E	1.7	8.8	3.8	7.5	2.2	1.2 U
	03/03/09	EPA	13.6 U	10.7 U	10.9 U	10.9 U	7.9 U	8.1 U	12.6 U	9.2 U	9.8 U	6.9 U	12 U	11.2 U	15.3 U	9.9 U	5.1 U	--	6.4 U	10.2	8.7 U	17.8 U	8.7 U	--
	03/31/10	ORIG	23	10	0.18 U	0.18 U	4.3	0.17	0.37	0.15 U	0.16 U	2.3	0.19 U	3	8.9	2.2	0.041 U	170 E	0.54	2.3	3.8	15	3.7	0.58 U
	09/29/10	ORIG	0.88	0.34	0.18 U	0.18 U	0.57	0.13 U	0.42	0.15 U	0.21	1.8	0.2 U	2.1	1.5	2.7	0.042 U	390 E	1.7	5.2	1.7	4	1.5	0.59 U
	03/30/11	SPLIT	2.3 J	0.74 J	0.11 U	0.11 U	0.4 J	0.098	0.56	0.092 U	0.32 J	5.2	0.22	1.6	0.92	2.7	0.026 U	52	1.8 J	6.5 J	1.8 J	5.3 J	2.2 J	0.36 U
	03/30/11	ORIG	1.6 J	0.59 J	0.18 U	0.18 U	0.93 J	0.13 U	0.5	0.15 U	0.23 J	4.9	0.24	1.7	1	2.6	0.041 U	60	1.3 J	5.2 J	0.95 J	3.2 J	1.3 J	0.58 U
	09/27/11	SPLIT	0.62	0.18	0.11 U	0.41	0.054	0.095 J	0.56	0.092 U	0.37	51 J	0.2	1.2 J	0.72	3.2	0.026 U	57	2.1	9.5 J	1.8 J	7.1 J	3.1 J	0.36 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE	
	09/27/11	ORIG	0.64	0.2 U	0.2 U	0.2 U	0.074 U	0.16 J	0.5	0.17 U	0.32	34 J	0.22 U	1.5 J	0.61	2.7	0.048 U	68	1.9	6.8 J	1.3 J	4.6 J	1.7 J	0.67 U	
Production area																									
	05/11/04	ORIG	6.2	2.6	0.21	0.19 U	6.6	0.14 U	0.8	0.16 U	0.2	5.1	0.21 U	8.9	36	3.3	0.044 U	39	1.1	7.3	0.85	2.7	1	0.63 U	
	09/14/05	ORIG	4.6	2.3	0.2 U	0.2 U	2.9	0.15 U	1.3	0.17 U	0.32	1.3 U	0.22 U	5.4	17	1.2	0.047 U	22	0.91	4.8	0.79	2.7	0.98	0.66 U	
	03/03/09	ORIG	2.3	0.9	0.19 U	0.19 U	0.89	0.14 U	0.5	0.16 U	0.17 U	36	0.21 U	2.6	2.8	2.3	0.045 U	41	1.1	6.2	2	4.2	1.3	0.63 U	
	03/31/10	ORIG	10	4.8	0.6 U	0.6 U	3.5	0.44 U	0.69 U	0.5 U	0.53 U	5.1	0.66 U	3.1	9.4	2.3	0.14 U	280 E	0.87 U	1.6	7.1	26	5.8	2 U	
	09/29/10	ORIG	0.8	0.24	0.19 U	0.19 U	0.88	0.14 U	0.43	0.16 U	0.21	1.7	0.21 U	2.3	2.3	2.9	0.045 U	180 E	1.6	4.7	2.5	5.8	2.5	0.63 U	
	03/30/11	ORIG	0.62	0.19	0.16 U	0.16 U	0.18 J	0.14	0.48	0.14 U	0.18	5.8	0.18 U	1.6	1	2.8	0.039 U	22	1.5	6	1.3	4.5	1.6 J	0.55 U	
	09/27/11	ORIG	0.51	0.19 U	0.2 U	0.2 U	0.071 U	0.14 J	0.45	0.16 U	0.26	59	0.22 U	1.4	0.55	2.4	0.046 U	44	1.7	5.7	1.1	3.6	1.3	0.64 U	
Medlin North																									
Building Interior																									
	09/08/06	ORIG	1.6 U	1.3 U	1.3 U	1.3 U	0.47 U	0.96 U	1.5 U	1.1 U	1.2 U	8.3 U	1.4 U	1.6	1.9	2.6	0.3 U	430	1.9 U	2.8	1 U	2.1 U	1 U	4.3 U	
	10/07/10	ORIG	0.28	0.18 U	0.19 U	0.19 U	0.22	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.2 U	1.8	0.96	2.5	0.044 U	21	0.81	2.3	0.32	0.84	0.29	0.62 U	
	03/30/11	ORIG	0.38	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.48	0.16 U	0.17	1.4	0.21 U	1.6	0.82	2.7	0.045 U	21	1.4	4.4	0.53	1.5	0.54	0.63 U	
	09/27/11	ORIG	0.6	0.2 U	0.2 U	0.2 U	0.074 U	0.15	0.46	0.17 U	0.26	8.5	0.22 U	1.4	0.61	2.4	0.048 U	35	1.7	5.1	0.81	2.3	0.9	0.67 U	
Regional Occupational Program																									
Classroom (Room 104)																									
	03/31/10	ORIG	2	0.32	0.2 U	0.2 U	0.63	0.16	0.38	0.16 U	0.17 U	1.2 U	0.22 U	1.1	0.84	2.1	0.046 U	69	0.48	0.99	0.16	0.33	0.16 U	0.64 U	
	05/27/10	ORIG	0.25	0.37	0.16 U	0.16 U	0.058 U	J	0.12 U	0.8	0.13 U	0.14 U	4.9	0.18 U	1.8	0.81 J	2.8	0.037 U	18	0.69	4.4	0.61	1.6	0.46	0.53 U
	07/01/10	ORIG	0.22 J	0.49	0.18 U	0.18 U	0.067 U	J	0.14 U	0.39	0.15 U	0.18	4	0.2 U	1.8	0.61	2.6	0.043 U	52	0.94	2.8	0.26	1.8	0.29	0.6 U
	07/28/10	ORIG	0.26	0.19	0.18 U	0.18 U	0.064 U	J	0.13 U	0.37	0.15 U	0.16 U	1.1 U	0.19 U	1.2	0.5	2	0.041 U	26	0.54	1.8	0.33	0.75	0.3	0.58 U
	08/27/10	ORIG	0.79	0.18 U	0.18 U	0.18 U	0.24	0.13 U	0.43	0.15 U	0.16 U	1.1 U	0.2 U	1.6	0.61	2.2	0.042 U	23	1.2	2.6	0.32	0.74	0.32	0.59 U	
	10/07/10	ORIG	0.86	0.18 U	0.18 U	0.18 U	0.77	0.13 U	0.44	0.15 U	0.16 U	1.1 U	0.2 U	1.8	1.1	2.6	0.042 U	18	0.75	2.2	0.27	0.71	0.35	0.59 U	
	10/27/10	ORIG	0.45	0.17 U	0.18 U	0.18 U	0.12	0.13 U	0.45	0.15 U	0.16 U	1.1 U	0.19 U	1.3	0.81	2.6	0.041 U	12	0.7	1.8	0.25	0.72	0.3	0.58 U	
	11/30/10	ORIG	0.98	0.18 U	0.18 U	0.18 U	0.2	0.13 U	0.46 J	0.15 U	0.16 U	1.1 U	0.2 U	1.1	0.6	2.5	0.042 U	15	1.3	3.9	0.61	1.7	0.55	0.59 U	
	12/28/10	ORIG	8.8	0.39	0.15 U	0.15 U	1.7	0.17	0.5 J	0.12 U	0.2	0.93 U	0.16 U	1.8	1.7	2.7	0.034 U	12	4.6	12	1.6	5.4	1.5	0.48 U	
	01/26/11	ORIG	2	0.2	0.18 U	0.18 U	0.3	0.21	0.48 J	0.15 U	0.2	1.9	0.19 U	1.4	0.96	2.6	0.041 U	710 E	2.9	8.1	1.2	3.7	1.1	0.58 U	
	02/28/11	ORIG	0.85	0.18 U	0.18 U	0.18 U	0.22 J	0.13 U	0.41	0.15 U	0.16 U	1.1 U	0.2 U	1.6	0.67	2.4	0.042 U	9.3	1.2	2.7	0.43	1.4	0.47	0.59 U	
	03/30/11	ORIG	0.88	0.18 U	0.18 U	0.18 U	0.18 J	0.15	0.47	0.15 U	0.18	1.4	0.2 U	1.5	0.62	2.5	0.043 U	52	1.2	3.9	0.53	1.5	0.49	0.6 U	
	04/29/11	ORIG	1.1	0.17 U	0.18 U	0.18 U	0.22	0.17	0.47 J	0.15 U	0.17	6.3	0.19 J	2 J	0.9	2.9	0.041 U	29	0.58	4	0.45	1.1	0.29	0.58 U	
	05/31/11	ORIG	0.91	0.19 U	0.19 U	0.19 U	0.15	0.14 U	J	0.52 J	0.16 U	0.22	1.2 U	0.21 U	1.1	0.7	2.5	0.045 U	17	1.2	4.1	0.55	1.7	0.59 J	0.63 U
	06/29/11	ORIG	0.67	0.18 U	0.18 U	0.18 U	0.096	0.13 U	0.52	0.15 U	0.16 U	1.2 U	0.2 U	1.2	0.61	2.5	0.042 U	18	0.61	1.9	0.32	0.93	0.34	0.6 U	
	07/27/11	ORIG	0.56	0.18 U	0.18 U	0.18 U	0.091	0.14 U	0.5 J	0.15 U	0.16 U	1.2 U	0.2 U	1.2	0.56	2.2	0.043 U	14	0.33	1.2	0.19	0.55	0.2	0.6 U	
	08/31/11	ORIG	0.59	0.17 U	0.17 U	0.17 U	0.066	0.13 U	0.53	0.14 U	0.15 U	1.1 U	0.19 U	2	0.54	2.8	0.04 U	13	0.51	1.7	0.23	0.65	0.25	0.56 U	
	09/27/11	ORIG	0.98	0.21	0.17 U	0.17 U	0.13	0.15	0.57	0.5	0.37	4.3	0.23	1.5	0.63	2.7	0.04 U	52	1.8	82	1.4	3.7	1.6	0.56 U	
	10/28/11	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.17	0.14 U	0.48	0.15 U	0.28	1.7	0.2 U	1.3	0.64	2.4	0.043 U	30	2.4	7.6	1.2	4.5	1.6	0.6 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	11/30/11	ORIG	1	0.3	0.19 U	0.19 U	0.068 U	0.18	0.47	0.16 U	0.32	1.8	0.2 UJ	1.3	0.59	2.4	0.044 U	49	2.2	7.7	1.2	3.8	1.4	0.62 U
	12/21/11	ORIG	0.98	0.18 U	0.18 U	0.18 U	0.11	0.22	0.75	0.16 U	0.18	1.2 U	0.2 U	1.4	0.69	2.7	0.043 U	20	2.6	7.6	1.2	4.2	1.4	0.61 U
	01/31/12	ORIG	1.1	0.18 U	0.19 U	0.19 U	0.18	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.69	2.5	0.044 U	14	0.92	2.8	0.41	1.5	0.5	0.62 U
Dental Annex (Classroom)																								
	05/27/10	ORIG	17	1.6	0.2 U	0.2 U	12	0.15 U	0.53	0.17 U	0.84	1.3 U	0.22 U	3.5	7.1	2.9	0.047 U	32	0.56	2	0.46	1.1	0.34	0.66 U
	07/01/10	ORIG	0.39	0.24	0.17 U	0.17 U	0.063 U	0.13 U	0.37	0.14 U	0.33	1.1	0.19 U	1.5	0.54	2.5	0.04 U	37	0.92	2.7	0.25	0.58	0.21	0.57 U
	08/27/10	ORIG	1	0.18 U	0.18 U	0.18 U	0.16	0.14 U	0.37	0.15 U	0.25	1.2 U	0.2 U	1.5 J	0.59	2.2	0.043 U	18	0.89	2.7	0.34	0.85	0.28	0.6 U
	10/07/10	ORIG	1	0.18 U	0.18 U	0.18 U	0.42	0.14 U	0.42	0.15 U	0.32	1.2 U	0.2 U	1.8	0.8	2.5	0.043 U	190 E	0.79	2.6	0.32	0.82	0.28	0.6 U
	10/27/10	ORIG	1.1	0.17 U	0.18 U	0.18 U	0.27	0.13 U	0.44	0.15 U	0.35	1.1 U	0.19 U	1.8	1.1	2.5	0.041 U	52	0.97	2.6	0.39	1.1	0.49	0.58 U
	11/30/10	ORIG	0.85	0.19	0.16 U	0.16 U	0.13	0.16	0.47 J	0.14 U	0.27	4.6	0.18 U	1.4	0.6	2.5	0.039 U	51	1.6	9.7	1.4	3.6	1.1	0.55 U
	12/28/10	ORIG	2.6	0.2	0.15 U	0.15 U	0.44	0.22	0.52 J	0.12 U	0.45	0.94 U	0.16 U	1.6	0.85	2.6	0.035 U	16	3.2	8.1	1	3.3	1.1	0.49 U
	01/26/11	ORIG	2.4	0.19	0.18 U	0.18 U	0.34	0.19	0.5 J	0.15 U	0.34	1.9	0.19 U	1.7	1.1	2.6	0.041 U	24	3	8.7	1.2	3.7	1.1	0.58 U
	02/28/11	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.15 J	0.14	0.42	0.15 U	0.21	1.2 U	0.2 U	1.5	0.62	2.3	0.043 U	21	1.4	3.3	0.53	1.6	0.57	0.6 U
	03/30/11	ORIG	0.95	0.19 U	0.2 U	0.2 U	0.12 J	0.15	0.42	0.16 U	0.4	1.8	0.22 U	1.5	0.54	2.4	0.046 U	29	1.9	5.2	0.7	1.8	0.65 J	0.64 U
	04/29/11	ORIG	1.6	0.18 U	0.18 U	0.18 U	0.21	0.18	0.46 J	0.15 U	0.33	1.1 U	0.2 J	2 J	0.85	2.9	0.042 U	100 E	0.5	1.4	0.21	0.51	0.2	0.59 U
	05/31/11	ORIG	0.5	0.18 U	0.18 U	0.18 U	0.14	0.2 J	0.49 J	0.15 U	0.37	1.8	0.2 U	1.1	0.66	2.6	0.043 U	23	1	2.8	0.17	0.5	0.16 J	0.6 U
	06/29/11	ORIG	0.88	0.18 U	0.18 U	0.18 U	0.096	0.13 U	0.52	0.15 U	0.46	1.1 U	0.2 UJ	1.2	0.59	2.4	0.042 U	54	0.6	2.3	0.38	1.1	0.42	0.59 U
	07/27/11	ORIG	1.4	0.17 U	0.17 U	0.17 U	0.18	0.12 U	0.52 J	0.14 U	0.49	1.1 U	0.19 UJ	1.3	0.6	2.5	0.04 U	12	0.31	1	0.19	0.59	0.21	0.56 U
	08/31/11	ORIG	1.6	0.18 U	0.18 U	0.18 U	0.2	0.13 U	0.57	0.15 U	0.55	1.2 U	0.2 UJ	2.1	0.62	2.9	0.042 U	19	0.46	1.5	0.22	0.63	0.21	0.6 U
	09/27/11	ORIG	1.9	0.26	0.17 U	0.17 U	0.33	0.19	0.44	0.43	0.61	3.5	0.19 U	1.4	0.71	2.4	0.04 U	120 E	1.7	75	1.4	4	1.6	0.56 U
	10/28/11	ORIG	1.8	0.2	0.18 U	0.18 U	0.26	0.16	0.34	0.15 U	0.53	1.5	0.2 U	1.4	0.78	2.7	0.043 U	37	2.8	8.9	1.4	5.2	1.8	0.6 U
	11/30/11	ORIG	1.8	0.3	0.2 U	0.2 U	0.17	0.24	0.46	0.16 U	0.54	2.2	0.22 UJ	1.4	0.68	2.4	0.046 U	210 E	2.8	10	1.6	5.3	1.9	0.64 U
	12/21/11	ORIG	1.3	0.19 U	0.19 U	0.19 U	0.15	0.23	0.92	0.16 U	0.36	1.2 U	0.21 U	1.4	0.74	2.8	0.045 U	24	3	8.7	1.4	4.6	1.6	0.63 U
	01/31/12	ORIG	1.4	0.18 U	0.19 U	0.19 U	0.19	0.14 U	0.57	0.16 U	0.34	1.2 U	0.21 U	1.3	0.79	2.7	0.044 U	13	1.1	3.7	0.56	2	0.68	0.62 U
Dental Annex (Lobby/Computer Area)																								
	05/27/10	ORIG	20	1.9	0.19 U	0.19 U	13	0.14 U	0.54	0.16 U	0.82	1.2 U	0.21 U	3.3	6.4	2.8	0.045 U	42	0.54	2	0.52	1.3	0.44	0.63 U
	07/01/10	ORIG	0.34	0.28	0.17 U	0.17 U	0.063 U	0.13 U	0.39	0.14 U	0.23	1.1 J	0.19 U	1.7	0.56	2.6	0.04 U	41	0.91	2.6	0.26	0.6	0.19	0.57 U
	07/28/10	ORIG	0.34	0.31	0.18 U	0.18 U	0.067 U	0.14 U	0.49	0.15 U	0.16 U	1.2 U	0.2 U	1.3	0.52	2.1	0.043 U	17	0.61	1.8	0.5	1.2	0.36	0.6 U
	08/27/10	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.13	0.14 U	0.39	0.15 U	0.23	1.2 U	0.2 U	1.1 J	0.58	2.1	0.043 U	18	0.91	2.7	0.35	0.83	0.31	0.6 U
	10/07/10	ORIG	0.89	0.18 U	0.18 U	0.18 U	0.28	0.14 U	0.44	0.15 U	0.2	1.2 U	0.2 U	1.8	0.72	2.7	0.043 U	200 E	0.8	2.4	0.29	0.75	0.25	0.6 U
	10/27/10	ORIG	0.99	0.17 U	0.18 U	0.18 U	0.24	0.13 U	0.44	0.15 U	0.21	1.1 U	0.19 U	1.8	1	2.6	0.041 U	32	0.88	2.2	0.32	0.91	0.29	0.58 U
	11/30/10	ORIG	1.1	0.17 U	0.17 U	0.17 U	0.17	0.21	0.42 J	0.14 U	0.41	1.7	0.19 U	1.5	0.65	2.7	0.04 U	150 E	1.9	7.9	1.2	3.4	1.2	0.56 U
	12/28/10	ORIG	2.6	0.2	0.15 U	0.15 U	0.47	0.17	0.5 J	0.12 U	0.39	0.93 U	0.16 U	1.6	0.9	2.6	0.034 U	17	3.2	8	1	3.1	0.99	0.48 U
	01/26/11	ORIG	2	0.18 U	0.18 U	0.18 U	0.27	0.2	0.47 J	0.15 U	0.23	1.7	0.2 U	1.3	0.93	2.6	0.043 U	25	2.8	8.6	1.1	3.6	1	0.6 U
	02/28/11	ORIG	0.66	0.19 U	0.2 U	0.2 U	0.12 J	0.15	0.36	0.16 U	0.18	2.4	0.22 U	1.6	0.6	2.4	0.046 U	42	1.3	5.8	1.2	4	1.2	0.64 U
	03/30/11	ORIG	0.97	0.18 U	0.19 U	0.19 U	0.23 J	0.14 U	0.45	0.16 U	0.31	1.5	0.23	1.6	0.61	2.4	0.044 U	29	1.9	5.3	0.68	1.8	0.62 J	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	04/29/11	ORIG	1.5	0.18 U	0.19 U	0.19 U	0.17	0.15	0.47 J	0.16 U	0.43	1.2 U	0.2 J	2.2 J	0.83	3	0.044 U	200 E	0.54	1.4	0.32	0.83	0.25	0.62 U
	05/31/11	ORIG	1.1	0.19 U	0.2 U	0.2 U	0.14	0.14 UJ	0.56 J	0.16 U	0.32	1.2 U	0.22 U	1.3	0.7	2.7	0.046 U	17	1.2	4.2	1	3.1	0.96 J	0.64 U
	06/29/11	ORIG	0.89	0.17 U	0.17 U	0.17 U	0.1	0.13 U	0.57	0.15 U	0.2	1.1 U	0.19 UJ	1.2	0.57	2.4	0.041 U	53	0.62	1.9	0.37	1.2	0.54	0.58 U
	07/27/11	ORIG	0.83	0.18 U	0.18 U	0.18 U	0.098	0.13 U	0.5 J	0.15 U	0.18	1.1 U	0.2 UJ	1.2	0.54	2.4	0.042 U	11	0.35	1.1	0.2	0.63	0.23	0.59 U
	08/31/11	ORIG	0.98	0.19 U	0.19 U	0.19 U	0.12	0.14 U	0.53	0.16 U	0.23	1.2 U	0.21 UJ	2.2	0.61	2.9	0.045 U	17	0.5	1.5	0.21	0.56	0.2	0.63 U
	09/27/11	ORIG	1.5	0.19 U	0.19 U	0.19 U	0.22	0.16	0.47	0.16 U	0.41	2.8	0.21 U	1.5	0.64	2.6	0.045 U	83	1.9	6.1	1.1	3.9	1.8	0.63 U
	10/28/11	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.18	0.15 J	0.35	0.15 U	0.32	1.4	0.2 UJ	1.4	0.66	2.5	0.043 U	25	2.4	4.9	0.39	0.86	0.29	0.6 U
	11/30/11	ORIG	1.2	0.26	0.19 U	0.19 U	0.1	0.21	0.46	0.16 U	0.4	1.8	0.21 UJ	1.4	0.59	2.4	0.045 U	120 E	2.3	8	1.2	4	1.5	0.63 U
	12/21/11	ORIG	1	0.19 U	0.19 U	0.19 U	0.1	0.19	0.69	0.16 U	0.22	1.2 U	0.21 U	1.3	0.62	2.6	0.045 U	18	2.6	7.7	1.2	4	1.4	0.63 U
	01/31/12	ORIG	1.1	0.19 U	0.19 U	0.19 U	0.17	0.14 U	0.54	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.73	2.6	0.045 U	13	1.1	2.9	0.44	1.5	0.58	0.63 U
Office (Room 108)																								
	05/27/10	ORIG	5.8	0.72	0.19 U	0.19 U	2.7	0.14 U	0.57	0.16 U	0.17 U	2.5	0.21 U	2	1.4	2.8	0.045 U	200 E	0.58	2.3	0.32	0.68	0.24	0.63 U
	07/01/10	ORIG	0.64	0.18	0.18 U	0.18 U	0.27	0.14 U	0.39	0.15 U	0.19	2.1	0.21	1.7	0.62	2.7	0.043 U	56	0.86	3	0.26	0.55	0.26	0.6 U
	07/28/10	ORIG	0.53	0.27	0.19 U	0.19 U	0.069 U	0.15	0.4	0.16 U	0.17 U	2.4	0.21 U	1.2	0.56	2.2	0.045 U	23	0.64	13	0.79	1.8	0.54	0.63 U
	08/27/10	ORIG	1	0.14 U	0.15 U	0.15 U	0.29	0.11 U	0.41	0.12 U	0.19	1.8	0.16 U	1.5	0.62	2.2	0.034 U	17	1.1	3.4	0.41	1	0.44	0.48 U
	10/07/10	ORIG	1.1	0.18 U	0.19 U	0.19 U	0.74	0.14 U	0.44	0.16 U	0.17 U	1.4	0.2 U	1.8	1.1	2.6	0.044 U	71	0.94	3.2	0.4	1	0.46	0.62 U
	10/27/10	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.35	0.13 U	0.41	0.15 U	0.21	2.9	0.2 U	1.9	1.5	2.6	0.042 U	33	1.6	5	0.65	1.9	0.63	0.59 U
	11/30/10	ORIG	1.6	0.17 U	0.18 U	0.18 U	0.32	0.18	0.46 J	0.15 U	0.16 U	2.8	0.19 U	1.4	0.66	2.5	0.041 U	28	1.9	5.8	0.77	2.4	0.78	0.58 U
	12/28/10	ORIG	3.7	0.24	0.16 U	0.16 U	0.72	0.21	0.56 J	0.14 U	0.58	4	0.33	1.7	1	2.7	0.039 U	21	2.7	8.3	0.96	2.9	1	0.55 U
	01/26/11	ORIG	3.3	0.24	0.2 U	0.2 U	0.61	0.19	0.49 J	0.16 U	0.22	5.6	0.22 U	1.5	1.3	2.7	0.046 U	120 E	2.9	8.9	1.2	3.5	1	0.64 U
	02/28/11	ORIG	2	0.19	0.18 U	0.18 U	0.5 J	0.13 U	0.4	0.15 U	0.18	8.1	0.32	1.5	0.85	2.3	0.041 U	24	1.8	5.1	0.75	2.4	0.82	0.58 U
	03/30/11	ORIG	1.7	0.42 U	0.42 U	0.42 U	0.49 J	0.31 U	0.5	0.36 U	0.38 U	4.6	0.47 U	1.6	1.3	2.5	0.099 U	73	1.2	4.8	0.97	2.6	0.68	1.4 U
	04/29/11	ORIG	1.1	0.17 U	0.17 U	0.17 U	0.21	0.12 U	0.46 J	0.14 U	0.15 U	1.1 U	0.19 J	2 J	0.83	2.9	0.04 U	16	0.51	1.1	0.15	0.37	0.13 U	0.56 U
	05/31/11	ORIG	2.2	0.19 U	0.2 U	0.2 U	0.49	0.14 UJ	0.49 J	0.16 U	0.24	7.3	0.3	1.3	1	2.6	0.046 U	28	1.2	4.6	0.8	2.4	0.73 J	0.64 U
	06/29/11	ORIG	1	0.18 U	0.18 U	0.18 U	0.16	0.13 U	0.53	0.15 U	0.16 U	3.4	0.2 UJ	1.2	0.64	2.4	0.042 U	28	0.58	2.2	0.49	1.4	0.52	0.6 U
	07/27/11	ORIG	0.46	0.17 U	0.17 U	0.17 U	0.074	0.13 U	0.51 J	0.14 U	0.15 U	2.2	0.19 UJ	1.3	0.6	2.5	0.04 U	18	0.34	2.3	0.35	0.86	0.3	0.57 U
	08/31/11	ORIG	0.66	0.19 U	0.19 U	0.19 U	0.08	0.14 U	0.58	0.16 U	0.17 U	2.1	0.21 UJ	1.9	0.62	2.8	0.045 U	42	0.46	1.8	0.32	0.83	0.27	0.63 U
	09/27/11	ORIG	1.7	0.19 U	0.19 U	0.19 U	0.29	0.16	0.52	0.16 U	0.32	2.5	0.21 U	1.4	0.65	2.4	0.045 U	37	1.8	6.2	1	3.8	1.6	0.63 U
	10/28/11	ORIG	2.1	0.22	0.17 U	0.17 U	0.32	0.16 J	0.44	0.14 U	0.29	2	0.19 UJ	1.4	0.81	2.4	0.04 U	37	2.8	9.3	1.5	5.5	1.9	0.57 U
	11/30/11	ORIG	1.8	0.3	0.19 U	0.19 U	0.12	0.2	0.46	0.16 U	0.36	3.2	0.2 UJ	1.4	0.68	2.4	0.044 U	58	2.7	10	1.7	5.2	1.9	0.62 U
	12/21/11	ORIG	1.3	0.18 U	0.19 U	0.19 U	0.16	0.24	0.76	0.16 U	0.21	2.6	0.21 U	1.4	0.76	2.9	0.044 U	77	2.7	8.7	1.3	4.4	1.5	0.62 U
	01/31/12	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.21	0.14 U	0.52	0.16 U	0.17 U	1.7	0.2 J	1.3	0.78	2.5	0.043 U	22	1.1	4.2	0.66	2.2	0.71	0.61 U
Office (Room 207)																								
	03/31/10	ORIG	58	3.5	0.16 U	0.16 U	29	0.2	0.43	0.13 U	0.27	47	0.17 U	6	11	2.3	0.037 U	78 E	0.72	6.7	0.99	2.7	0.84	0.52 U
	05/27/10	ORIG	25 J	1.3	0.15 U	0.15 U	13 J	0.12	0.52	0.12 U	0.13 U	4.1 J	0.16 U	2.7	3.6 J	2.7	0.034 U	36 J	0.49	2	0.34	0.78	0.27	0.48 U
	05/27/10	DUP	20 J	1.4	0.19 U	0.19 U	9.5 J	0.14 U	0.51	0.16 U	0.17	5.8 J	0.2 U	2.5	2.9 J	2.7	0.044 U	180 E	0.55	2.4	0.39	0.87	0.28	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	07/01/10	ORIG	2	0.26	0.19 U	0.19 U	0.57	0.14 U	0.4	0.16 U	0.22	8.6	0.21 J	1.9	0.75	2.8	0.045 U	41	0.95	3.7	0.36	0.85	0.27	0.63 U
	07/28/10	SPLIT	1.4	0.3	0.11 U	0.11 U	0.18	0.081 U	0.65	0.092 U	0.23	7.5	0.2	1.6	0.68	2.8	0.026 U	9.7	0.95	15	2.3	6.1	2.2	0.36 U
	07/28/10	ORIG	1.2	0.18	0.18 U	0.18 U	0.13	0.13	0.47	0.15 U	0.16 U	5.4	0.19 U	1.2	0.5	2.1	0.041 U	29	0.62	2.6	0.96	2.2	0.58	0.58 U
	08/27/10	SPLIT	1.5 J	0.13	0.1 J	0.05 U	0.19 J	0.13	0.45	0.14	0.22	29 J	0.49	0.06 U	0.08 U	0.05 U	0.01 U	1.2 UJ	1.4 J	14 J	0.04 U	4.3 J	1.4 J	0.07 U
	08/27/10	ORIG	0.94 J	0.18 U	0.18 U	0.18 U	0.24 J	0.14 U	0.4	0.15 U	0.18	2.9 J	0.2 U	1.7	0.66	2.3	0.043 U	21 J	0.93 J	3.4 J	0.4	0.97 J	0.3 J	0.6 U
	10/07/10	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.38	0.13	0.44	0.15 U	0.2	3.6	0.2 U	1.9	0.77	2.6	0.042 U	49	1	3.7	0.47	1.2	0.42	0.59 U
	10/27/10	SPLIT	1.7	0.11	0.11 U	0.11 U	0.3 J	0.11	0.44	0.092 U	0.17	5.4 J	0.16	1.4 J	1.2 J	2.5	0.026 U	19 J	1.2 J	14 J	1.2 J	3.8 J	1.4 J	0.36 U
	10/27/10	ORIG	1.4	0.17 U	0.18 U	0.18 U	0.41 J	0.13 U	0.45	0.15 U	0.18	7.2 J	0.19 U	2 J	1.6 J	2.7	0.041 U	34 J	1.6 J	6.2 J	0.67 J	1.9 J	0.62 J	0.58 U
	11/30/10	SPLIT	1.8 J	0.2	0.11 U	0.11 U	0.33 J	0.12	0.51 J	0.092 U	0.18	7.4 J	0.17	1.5 J	0.75 J	2.8 J	0.026 U	20 J	1.9 J	9.7 J	0.94 J	3.4 J	1.1 J	0.36 U
	11/30/10	ORIG	0.91 J	0.16 U	0.16 U	0.16 U	0.17 J	0.12	0.25 J	0.14 U	0.14 U	3.5 J	0.18 U	0.75 J	0.38 J	1.3 J	0.038 U	13 J	1 J	4.1 J	0.44 J	1.4 J	0.44 J	0.54 U
	12/28/10	SPLIT	8.2 J	0.41 J	0.11 U	0.11 U	1.5 J	0.1 J	0.57	0.092 U	0.28	5.8 J	0.6 J	1.7	1.5 J	2.7	0.026 U	24	3.3	13 J	2.3 J	8.2 J	3 J	0.36 U
	12/28/10	ORIG	4.2 J	0.25 J	0.15 U	0.15 U	0.82 J	0.19 J	0.5 J	0.13 U	0.2	7.5 J	0.28 J	1.7	1.1 J	2.7	0.036 U	27	3.1	10 J	1.1 J	3.4 J	1 J	0.5 U
	01/26/11	SPLIT	4.3	0.3	0.11 U	0.11 U	0.69	0.11	0.58 J	0.092 U	0.26 J	8.2	0.35 J	1.6	1.4	2.5	0.026 U	99	2.7 J	10 J	2.1 J	7 J	2.5 J	0.36 U
	01/26/11	ORIG	4.6	0.27	0.15 U	0.15 U	0.75	0.16	0.43 J	0.12 U	0.39 J	8.3	0.17 J	1.9	1.5	2.9	0.035 U	92 E	3.4 J	19 J	1.5 J	4.7 J	1.3 J	0.49 U
	02/28/11	SPLIT	2.3	0.24 J	0.33 U	0.33 U	0.38 J	0.24 U	0.42	0.28 U	0.29 U	12	0.44	0.9 J	0.84	2 J	0.077 U	40 J	1.7	6	0.83	2.6	0.99 J	1.1 U
	02/28/11	ORIG	2	0.18 J	0.18 U	0.18 U	0.54 J	0.15	0.4	0.15 U	0.18	13	0.26	1.6 J	0.88	2.5 J	0.043 U	26 J	1.7	5.6	0.78	2.4	0.8 J	0.6 U
	03/30/11	SPLIT	3.1 J	0.23	0.11 U	0.11 U	0.5 J	0.13	0.57	0.092 U	0.3 J	8	0.34	1.6	1	2.8	0.026 U	53	1.6 J	6.5	1.9 J	5.4 J	1.6 J	0.36 U
	03/30/11	ORIG	2.3 J	0.18	0.18 U	0.18 U	0.45 J	0.14 U	0.48	0.15 U	0.21 J	7.1	0.2 U	1.5	0.87	2.5	0.043 U	46	1.2 J	5.4	1 J	3 J	0.76 J	0.6 U
	04/29/11	SPLIT	1 J	0.084	0.11 U	0.11 U	0.17	0.11	0.55	0.092 U	0.14	8.2	0.17 J	1 J	0.87	2.6	0.026 U	37 J	0.66 J	9.3 J	0.91 J	2.7 J	0.82 J	0.36 U
	04/29/11	ORIG	0.76 J	0.18 U	0.18 U	0.18 U	0.18	0.16	0.46 J	0.15 U	0.16 U	9.2	0.2 J	2 J	0.81	2.9	0.042 U	27 J	0.54 J	6.9 J	0.42 J	1 J	0.24 J	0.59 U
	05/31/11	SPLIT	2.9	0.2	0.11 U	0.11 U	0.44 J	0.12	0.6	0.092 U	0.35 J	14	0.52 J	1.2	1.1	2.6	0.026 U	22 J	1.5 J	5.9	1.4 J	4.4 J	1.5 J	0.36 U
	05/31/11	ORIG	2.5	0.18 U	0.19 U	0.19 U	0.59 J	0.14 UJ	0.51 J	0.16 U	0.25 J	12	0.36 J	1.3	1.1	2.5	0.044 U	27 J	1.2 J	5.1	0.84 J	2.6 J	0.78 J	0.62 U
	06/29/11	Split	2.5 J	0.16	0.11 U	0.11 U	0.3	0.12	0.66 J	0.092 U	0.14 J	8.1	0.22	1.4	0.85	0.099 U	0.026 U	37 J	0.64	5.8 J	2.2 J	5.4 J	2.5 J	0.36 U
	06/29/11	ORIG	1.9 J	0.17 U	0.18 U	0.18 U	0.3	0.13 U	0.52 J	0.15 U	0.32 J	7.9	0.19 UJ	1.3	0.78	2.4	0.041 U	29 J	0.6	2.7 J	0.56 J	1.6 J	0.52 J	0.58 U
	07/27/11	SPLIT	0.64	0.071	0.11 U	0.11 U	0.11	0.41	0.58	0.092 U	0.13	4	0.25	1.3	0.78	2.8	0.026 U	20	0.43	9 J	1.3 J	3 J	1.3 J	0.36 U
	07/27/11	ORIG	0.56	0.16 U	0.16 U	0.16 U	0.1	0.12 U	0.58 J	0.14 U	0.15 U	3.9	0.18 UJ	1.4	0.67	2.6	0.039 U	22	0.32	1.8 J	0.39 J	1 J	0.39 J	0.55 U
	08/31/11	Split	0.88	0.084	0.27 U	0.27 U	0.11	0.2 U	0.52	0.23 U	0.24 U	4.6	0.3 U	1.4 J	0.74	2.7	0.064 U	36 J	0.65	11 J	0.97 J	2.2 J	1.1 J	0.9 U
	08/31/11	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.11	0.15	0.55	0.16 U	0.17 U	5.5	0.2 UJ	1.9 J	0.64	2.8	0.043 U	51 J	0.48	3.4 J	0.46 J	1.3 J	0.48 J	0.61 U
	09/27/11	SPLIT	1.9	0.22	0.11 U	0.11 U	0.39	0.1	0.56	0.22	0.5 J	4.9 J	0.33	1.3 J	0.89	3.2 J	0.026 U	42	2.2	12 J	2 J	10 J	5.2 J	0.36 U
	09/27/11	ORIG	1.8	0.18	0.18 U	0.18 U	0.37	0.15	0.47	0.15 U	0.34 J	3.8 J	0.2 U	1.6 J	0.74	2.4 J	0.043 U	41	1.9	8 J	1.4 J	5.9 J	2.8 J	0.6 U
	10/28/11	SPLIT	2.5 J	0.27	0.11 U	0.11 U	0.35	0.14	0.71	0.092 U	0.4 J	3.9	0.31	1.6 J	1.1 J	2.6	0.026 U	36	2.3 J	11 J	2 J	6.8 J	2.5 J	0.36 U
	10/28/11	ORIG	0.23 UJ	0.18 U	0.18 U	0.18 U	0.32	0.14 UJ	0.21 U	0.15 U	0.23 J	3.3	0.2 UJ	1.3 J	0.78 J	2.4	0.043 U	36	0.59 J	0.53 UJ	0.14 UJ	0.29 UJ	0.14 UJ	0.6 U
	11/30/11	SPLIT	2.1	0.32	0.11 U	0.11 U	0.16	0.23	0.65 J	0.092 U	0.35	11	0.32	1.8	0.97 J	2.8	0.026 U	43 J	2.9	15 J	2.2 J	6.8 J	2.5 J	0.36 U
	11/30/11	ORIG	1.8	0.27	0.19 U	0.19 U	0.16	0.2	0.47 J	0.16 U	0.38	10	0.2 UJ	1.5	0.78 J	2.5	0.044 U	64 J	2.8	11 J	1.7 J	5.5 J	2 J	0.62 U
	12/21/11	SPLIT	1.3	0.15	0.11 U	0.11 U	0.16	0.094 J	0.62 J	0.092 U	0.28	8.5	0.12 U	1.6	0.89	2.9	0.026 U	90	2.7	10	1.8 J	5.9	2.3 J	0.36 U
	12/21/11	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.16	0.23 J	0.88 J	0.16 U	0.21	7.7	0.2 U	1.4	0.78	2.8	0.043 U	99 E	2.9	9.9	1.4 J	4.9	1.7 J	0.61 U
	01/31/12	ORIG	1.3 J	0.18 U	0.18 U	0.18 U	0.22	0.14 U	0.51	0.16 U	0.17 U	6.3	0.2 U	1.3	0.83	2.6	0.043 U	22	1.2 J	4.8 J	0.77 J	2.6 J	0.86 J	0.61 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	01/31/12	SPLIT	1.7 J	0.14	0.11 U	0.11 U	0.24	0.081 U	0.58	0.092 U	0.23	7.3	0.4	1.5	0.94	0.099 U	0.026 U	21	1.8 J	7.4 J	1.6 J	5.3 J	2 J	0.36 U
Star City Auto Body																								
Main work area																								
05/11/04	ORIG	16	3.5	0.74 U	0.74 U	17	0.55 U	0.86 U	0.63 U	0.67 U	4.7 U	0.82 U	13	30	2.3	0.17 U	1100 E	2.6	420	8.6	46	13	2.5 U	
05/11/04	DUP	17	3.6	0.74 U	0.74 U	18	0.55 U	0.86 U	0.63 U	0.67 U	4.8	0.82 U	14	31	2.7	0.17 U	1200 E	3.2	440	9.2	49	14	2.5 U	
09/14/05	ORIG	34	6.5	0.33	0.2 U	16	0.15 U	0.67	0.17 U	0.19	1.5	0.22 U	11	18	1.9	0.047 U	350 E	5.3	38	4.6	21	5.1	0.66 U	
09/14/05	DUP	33	5.5	0.32	0.19 U	16	0.14 U	0.66	0.16 U	0.19	1.5	0.21 U	11	17	2.1	0.045 U	330 E	5	36	4.8	22	5.4	0.63 U	
03/03/09	ORIG	4.2	0.89	0.18 U	0.18 U	0.45	0.13 U	0.49	0.15 U	0.16	1.2	0.19 U	1.8	0.86	2.5	0.041 U	980 E	4.2	25	5.4	19	5.4	0.58 U	
03/31/10	ORIG	12	1.2	0.33	0.18 U	0.87	0.16	0.41	0.15 U	0.22	1.1 U	0.19 U	1.1	1.2	2	0.041 U	290 E	1.5	9.5	1.3	5.2	1.3	0.58 U	
10/07/10	ORIG	0.67	0.35 U	0.53	0.36 U	0.49	0.26 U	0.62	0.3 U	0.32 U	2.3 U	0.39 U	1.9	1.4	2.4	0.084 U	900 E	1.7	18	1.6	5.1	1.7	1.2 U	
03/30/11	ORIG	1.2 U	0.98 U	1 U	1 U	0.36 U	0.74 U	1.2 U	0.84 U	0.89 U	6.4 U	1.1 U	1.7	1.4 U	2.8	0.23 U	1000 E	3.4	33	2.1	6.8	2.3 J	3.3 U	
09/27/11	ORIG	0.56	0.2 U	0.42	0.21 U	0.076 U	0.18	0.46	0.31	0.29	6.2	0.23 U	1.4	0.51	2.5	0.049 U	1200 E	3.9	84	18	68	20	0.69 U	
Rear area of shop																								
05/11/04	ORIG	6	3.9 U	4 U	4 U	1.6	2.9 U	4.6 U	3.4 U	3.6 U	25 U	4.4 U	4.1 U	5.6 J	3.6 U	0.93 U	5400 E	5.8 U	2400	48	270	78	13 U	
09/14/05	ORIG	23 U	18 U	18 U	18 U	6.7 U	14 U	21 U	15 U	16 U	120 U	20 U	19 U	26 U	17 U	4.3 U	6000	27 U	74	14 U	29 U	14 U	60 U	
03/03/09	ORIG	2.9	0.36 U	0.37 U	0.37 U	0.22	0.27 U	0.51	0.59	0.33 U	2.9	0.4 U	1.7	1.1	2.4	0.086 U	5700 E	2.9	120	17	59	14	1.2	
03/31/10	ORIG	14	0.69	0.88	0.47 U	0.83	0.35 U	0.54 U	0.39 U	0.42 U	3 U	0.51 U	1.3	2.2	2	0.11 U	1100 E	1	140	7.8	35	9.1	1.5 U	
10/07/10	ORIG	0.81	0.18 U	0.29	0.18 U	0.45	0.13 U	0.43	0.15 U	0.18	1.1 J	0.2 U	1.8	1.2	2.4	0.042 U	2400 E	2.4	32	3.1	11	2.7	0.59 U	
03/30/11	ORIG	1 U	0.83 U	0.84 U	0.84 U	0.31 U	0.63 U	0.98 U	0.71 U	0.76 U	5.4 U	0.93 U	1.7	1.2 U	2.3	0.2 U	1100 E	3.2	39	2.5	8.3	2.8 J	2.8 U	
09/27/11	ORIG	2.6 U	2 U	2.1 U	2.1 U	0.76 U	1.5 U	2.4 U	1.8 U	1.9 U	25	2.3 U	2.1 U	2.9 U	1.9 U	0.49 U	9300 E	3.3	240	47	230	75	6.9 U	
Side Office																								
03/31/10	ORIG	7	0.85	0.35	0.18 U	0.39	0.14 U	0.39	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.96	2.1	0.043 U	270 E	1.4	9.7	0.98	3.4	1	0.6 U	
10/07/10	ORIG	0.48	0.18 U	0.24	0.19 U	0.27	0.14 U	0.43	0.16 U	0.17	1.2 U	0.2 U	1.9	1.1	2.6	0.044 U	350 E	1	9.9	0.81	2.3	0.77	0.62 U	
03/30/11	ORIG	0.33	0.19 U	0.19 U	0.19 U	0.069 U	0.16	0.5	0.16 U	0.18	1.5	0.21 U	1.6	0.65	2.5	0.045 U	470 E	2	19	1.1	3.6	1.4 J	0.63 U	
09/27/11	ORIG	0.56	0.2 U	0.2 U	0.2 U	0.074 U	0.18	0.5	0.17 U	0.29	4.5	0.22 U	1.4	0.55	2.5	0.048 U	550 E	2	25	5.7	27	8.7	0.67 U	
Terra Pave																								
First floor office area																								
05/11/04	ORIG	110	4.4	0.45	0.2 U	23	0.15 U	0.56	0.17 U	0.24	1.5	0.23	7	26	2.9	0.046 U	41	1.3	10	1.6	5.4	2.1	0.66 U	
09/14/05	ORIG	39	1.6	0.17 U	0.17 U	5.5	0.13 U	0.67	0.14 U	0.21	1.2	0.27	3.4	6.3	2	0.04 U	22	1.1	6.9	0.93	3.5	1	0.57 U	
07/23/08	ORIG	130	5.8	0.19 U	0.19 U	12	0.14 U	0.43	0.16 U	0.4	1.4	0.21 U	3	9	2.3	0.045 U	40	0.84	7.4	0.87	3	1.1	0.63 U	
03/03/09	ORIG	420	18	0.66	0.47 U	56	2.9	0.58	0.39 U	3.3 J	3 U	0.51 U	13	53	2.4	0.11 U	140	1.8	68	1.6	5.3	2.3	1.5 U	
03/03/09	EPA	535.7	19.9	14.2 U	14.2 U	59.4	10.5 U	16.4 U	12 U	12.7 U	9 U	15.6 U	13.5 J	54.4	12.9 U	6.6 U	--	8.3 U	71.6	11.3 U	22.2 U	11.3 U	--	
03/03/09	DUP	420	16	0.46 U	0.46 U	55	0.34 U	0.54	0.39 U	0.73 J	2.9 U	0.5 U	13	50	2.4	0.11 U	140	1.8	68	1.5	5.3	2.2	1.5 U	
07/16/09	SPLIT	52	2.4	0.11 U	0.11 U	4	0.081 U	0.43	0.092 U	0.33	1.3	0.14	1.6	1.6	0.098 U	0.026 U	130	1.7	120	1.1	1.7	1.3	0.35 U	
07/16/09	ORIG	45	2.1	0.4 U	0.4 U	2.4	0.3 U	0.54	0.34 U	0.36 U	2.5 U	0.44 U	1.8	1.5	2.4	0.094 U	230 E	1.6	120	0.69	1.9	0.68	1.3 U	
07/16/09	DUP	47	2.1	0.21 U	0.21 U	2.6	0.15 U	0.57	0.18 U	0.3	1.3	0.23 U	1.7	1.5	2.4	0.049 U	220 E	1.7	110	0.67	1.9	0.72	0.69 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	08/25/09	ORIG	23	1.2	0.25 U	0.25 U	1 J	0.19 U	0.52	0.21 U	0.4 J	1.6 U	0.28 U	1.6	1.3	2.6	0.059 U	54 J	1.8 J	17	0.73 J	1.9 J	0.62 J	0.83 U
	08/25/09	DUP	20	1.3	0.2 U	0.2 U	1.5 J	0.15 U	0.57	0.84 U	0.32 J	1.6	1.1 U	1.9	1.5	2.6	0.047 U	78 J	2.3 J	18	0.9 J	2.6 J	1 J	0.66 U
	09/30/09	SPLIT	20	0.91	0.065 J	0.098 U	0.79	0.069	0.63	0.046 J	0.21	56 J	0.09 J	1.4	0.92 J	--	0.046	--	1.5	19	7.4	37	15	--
	09/30/09	ORIG	17 J	0.96	0.2 U	0.2 U	0.74	0.15 U	0.61	0.17 U	0.19 J	2.5 J	0.22 U	1.6	1.4 J	2.9	0.047 U	24 J	1.5	17	3.3 J	13 J	4.6 J	0.66 U
	09/30/09	DUP	49 J	1	0.18 U	0.18 U	0.74	0.13 U	0.62	0.15 U	1 J	2.4 J	0.19 U	1.6	1.4 J	2.8	0.041 U	34 J	1.6	18	4.3 J	20 J	6.9 J	0.58 U
	10/29/09	ORIG	130	5.3	0.2 U	0.2 U	7.5 J	0.14 U	0.53	0.16 U	0.33	2.1	0.22 U	2.4	9.4	2.4	0.046 U	93 E	2.2	24	1.1	3.3	1.2	0.64 U
	10/29/09	DUP	160	6.2	0.25 U	0.25 U	8 J	0.18 U	0.57	0.21 U	0.39	2.4	0.27 U	2.6	10	2.5	0.058 U	96	2.7	26	1.3	3.8	1.4	0.81 U
	11/24/09	ORIG	270	11	0.3 U	0.3 U	24	0.22 U	0.48	0.25 U	0.65	2.8	0.33 U	5.8 J	16	2.5	0.07 U	81	3.4	19	4	14	4.8	0.98 U
	11/24/09	DUP	270	10	0.32 U	0.32 U	23	0.24 U	0.45	0.27 U	0.62	2.8	0.35 U	4.7 J	15	2.5	0.075 U	74	3.2	18	3.7	12	4.1	1 U
	12/28/09	ORIG	540	21	0.62 U	0.62 U	80	0.46 U	0.72 U	0.52 U	0.95	4.9	0.68 U	20	60	2.6	0.14 U	690 E	2.1	16	13	48	16	2 U
	12/28/09	DUP	530	21	0.89 U	0.89 U	78	0.66 U	1 U	0.76 U	0.91	5.7 U	0.99 U	20	58	2.3	0.21 U	670 E	2.1	16	12	45	15	3 U
	01/27/10	ORIG	580	21	0.64 U	0.64 U	67	0.47 U	0.73 U	0.54 U	1.2	4 U	0.7 U	16 J	48	2.4	0.15 U	65	2.6	16	4.5	16	5.8	2.1 U
	01/27/10	DUP	550	20	0.59 U	0.59 U	63	0.43 U	0.68 U	0.49 U	1	3.7 U	0.64 U	16	45	2.2	0.14 U	72	2.6	14	4.2	14	5.1	1.9 U
	02/24/10	SPLIT	790	37	0.16	1.7	100	0.097	0.58	0.092 U	1.8	4	0.25	18	76	2.2	0.026 U	63 J	3.1	22	8.1	34	15	0.35 U
	02/24/10	ORIG	1000	37	1 U	1 U	110	0.78 U	1.2 U	0.89 U	1.6	6.7 U	1.2 U	20	78	0.96 U	0.25 U	81 J	3.9	28	8.6	35	13	3.5 U
	02/24/10	DUP	1000	38	1.7 U	1.7 U	110	1.2 U	2 U	1.4 U	1.5 U	11 U	1.9 U	21	78	1.5 U	0.4 U	83	4	28	8.8	36	14	5.6 U
	03/31/10	SPLIT	30	1.6 J	0.11 U	0.11 U	4.4 J	0.081 U	0.64 J	0.092 U	0.13	0.69 U	0.22	2.4 J	4.2 J	2.6	0.026 U	14 J	0.7 J	1.8 J	0.36 J	1.3 J	0.5 J	0.35 U
	03/31/10	ORIG	30	1.2 J	0.18 U	0.18 U	2.9 J	0.14	0.42 J	0.15 U	0.16 U	1.1 U	0.19 U	1.6 J	3.4 J	2.2	0.041 U	9.6 J	0.53 J	1.2 J	0.22 J	0.53 J	0.18 J	0.58 U
	03/31/10	DUP	30	1.3	0.18 U	0.18 U	2.6	0.17	0.42	0.15 U	0.16 U	1.1 U	0.2 U	1.8	3.6	2.3	0.042 U	5.9 J	0.56	1.3	0.2	0.53	0.18	0.59 U
	04/28/10	SPLIT	20	1.5 J	0.11 U	0.11 U	2.4 J	0.098	0.22 J	0.11	0.13	0.47 J	0.12 U	1.4	2	2.4	0.026 U	15 J	0.53 J	12 J	3.9 J	15 J	5 J	0.35 U
	04/28/10	ORIG	22	1.2 J	0.2 U	0.2 U	1.9 J	0.15 U	0.42 J	0.17 U	0.18 U	3.5 J	0.22 U	1.5	2.2 J	2.4	0.047 U	7.2 J	0.36 J	2.5 J	0.16 UJ	0.32 UJ	0.16 UJ	0.66 U
	04/28/10	DUP	22	1.3	0.21 U	0.21 U	1.6 J	0.15 U	0.37	0.18 U	0.19 U	1.3 U	0.23 U	1.5	2.3 J	2.5	0.049 U	6.7	0.37	0.82 J	0.16 U	0.33 U	0.16 U	0.69 U
	05/27/10	ORIG	640	23	0.7 U	0.7 U	78	0.52 U	0.8 U	0.59 U	1.1	4.4 U	0.77 U	12	53	2.9	0.16 U	49	1.4	6.8	1.3	3.8	1.3	2.3 U
	06/24/10	ORIG	3.5	0.22	0.19 U	0.19 U	0.13	0.14 UJ	0.41	0.16 U	0.17 U	1.8 J	0.2 U	1.7	0.6	2.6	0.044 U	35 J	1.8	8.3	1.2	4.4	1.7	0.62 U
	06/24/10	DUP	3.5	0.22	0.18 U	0.18 U	0.36	0.14 UJ	0.39	0.15 U	0.16 U	2.5 J	0.2 U	1.7	0.63	2.5	0.043 U	34 J	1.8	8.4	1.2	4.5	1.8	0.6 U
	07/01/10	ORIG	3.3	0.22	0.18 U	0.18 U	0.12	0.13 U	0.41	0.15 U	0.22	2.3	0.19 U	1.9	0.63	2.7	0.041 U	73	1.4	7.4	0.67	2.1	0.78	0.58 U
	07/08/10	ORIG	2.2	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.5	0.16 U	0.17 U	2.5 J	0.21 U	1.6	0.66	2.5	0.045 U	530 E	2	7.4	0.63	1.9	0.69	0.63 U
	07/08/10	DUP	2.1	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.42	0.16 U	0.17 U	4 J	0.21 U	1.7	0.67	2.5	0.045 U	540 E	1.9	7.3	0.63	1.8	0.7	0.63 U
	07/28/10	ORIG	3.5	0.36	0.17 U	0.17 U	0.37	0.13	0.4	0.16	0.15 U	6.2	0.19 U	1.2	0.47	2	0.044	74	2 J	68 J	2.6 J	8.3	3.3	0.56 U
	07/28/10	DUP	3.8	0.29	0.17 U	0.17 U	0.39	0.13 U	0.38	0.14 U	0.15 U	2.4	0.19 U	1.2	0.54	2	0.04 U	72	1.5 J	6.1 J	1.8 J	7	3	0.57 U
	08/27/10	ORIG	1.7	0.14 U	0.15 U	0.15 U	0.092	0.11 U	0.43	0.12 U	0.21	3.6	0.16 U	1.7 J	0.66	2.2	0.034 U	39	1.8	18	0.87	2.6	0.86	0.48 U
	08/27/10	DUP	1.5	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.16 J	2.5	0.2 U	1.7 J	0.57	2.2	0.044 U	31	1.3	12	0.65	1.8	0.58	0.62 U
	09/29/10	SPLIT	2.7 J	0.22	1.2 U	1.2 U	0.45 U	0.91 U	1.4 U	1 U	1.1 U	7.8 U	1.4 U	2	1.7 U	2.9	0.29 U	180	3.6	97 J	74	310	120	4.1 U
	09/29/10	ORIG	1.9 J	0.56 U	0.57 U	0.57 U	1.7 J	0.42 U	0.66 U	0.48 U	0.51 U	9.7	0.63 U	2.4 J	1.8	2.7	0.13 U	210	3.9	120 J	78	340	130	1.9 U
	09/29/10	DUP	1.9 J	0.56 U	0.57 U	0.57 U	0.34 J	0.42 U	0.66 U	0.48 U	0.51 U	9.4	0.63 U	1.6 J	1.1	2.7	0.13 U	190	3.8	120 J	80	350	140	1.9 U
	10/27/10	ORIG	1.5	0.18 U	0.18 U	0.18 U	0.25	0.13 U	0.44	0.15 U	0.29	16 J	0.2 U	1.6 J	3	2.6	0.042 U	53	2.8	20 J	5.7	28	9.8	0.59 U
	10/27/10	DUP	1.5	0.18 U	0.18 U	0.18 U	0.26	0.13 U	0.46	0.15 U	0.23	4.4 J	0.2 U	2.4 J	3.2	2.7	0.042 U	54	2.8	12 J	5.6	28	9.8	0.59 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	11/30/10	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.14	0.21	0.44 J	0.15 U	0.2	2.3	0.2 U	1.2	0.6	2.5	0.042 U	34	3.2	16	2.5	10	3.7	0.59 U
	11/30/10	DUP	1.2	0.18 U	0.18 U	0.18 U	0.14	0.19	0.46 J	0.15 U	0.16 U	2.3	0.2 U	1.1	0.62	2.6	0.042 U	34	3.2	16	2.6	10	3.7	0.59 U
	12/28/10	ORIG	1.1 J	0.18 U	0.19 U	0.19 U	0.13	0.21	0.47 J	0.16 U	0.17 U	1.2 U	0.2 U	1.5	0.65	2.6	0.044 U	22	2.4	8.5	1	3.2 J	1.2 J	0.62 U
	12/28/10	DUP	1.4 J	0.15 U	0.16 U	0.16 U	0.19	0.18	0.46 J	0.13 U	0.14 U	1.1	0.21	1.5	0.68	2.6	0.037 U	23	2.8	9.7	1.2	4 J	1.5 J	0.52 U
	01/26/11	ORIG	1.3	0.17 U	0.17 U	0.17 U	0.15	0.13 U	0.48 J	0.14 U	0.21	4.5	0.19 U	1.8	1	2.5	0.04 U	410 E	4.7	25	3.4	14	4.3	0.57 U
	01/26/11	DUP	1.3	0.16 U	0.16 U	0.16 U	0.14	0.12 U	0.46 J	0.14 U	0.18	4.5	0.18 U	1.8	1.1	2.5	0.039 U	410 E	4.8	25	3.5	14	4.4	0.55 U
	02/28/11	ORIG	0.92 J	0.74 U	0.75 U	0.75 U	0.27 UJ	0.56 U	0.86 U	0.63 U	0.67 U	4.8 U	0.83 U	1.8	1 U	2.1	0.18 U	250	1.9	54	3.6	9.9	2.4	2.5 U
	02/28/11	DUP	0.95	0.74 U	0.75 U	0.75 U	0.27 UJ	0.56 U	0.86 U	0.63 U	0.67 U	4.8 U	0.83 U	1.8	1 U	2.1	0.18 U	260	1.9	54	3.7	10	2.4	2.5 U
	03/30/11	SPLIT	3.3 J	0.24	0.11 U	0.11 U	0.27 J	0.11	0.62 J	0.092 U	0.28 J	3.7	0.17	1.6	0.83 J	2.7	0.026 U	60	2.5 J	11	3.1 J	11 J	4.6 J	0.36 U
	03/30/11	ORIG	2.2 J	0.19 U	0.2 U	0.2 U	0.24 J	0.14 U	0.46 J	0.16 U	0.21 J	3.7	0.22 U	1.5	0.63 J	2.4	0.046 U	67	1.9 J	9.8	1.8 J	7 J	2.5 J	0.64 U
	04/29/11	ORIG	0.73	0.18 U	0.18 U	0.18 U	0.094	0.15	0.45 J	0.15 U	0.16 U	4.9	0.2 J	2.2 J	0.93	2.9	0.042 U	32	1.1	5.6	0.71	2.1	0.7	0.59 U
	05/31/11	ORIG	2.7	0.17 U	0.18 U	0.18 U	0.29	0.13 UJ	0.53 J	0.15 U	0.23	1.1 U	0.19 U	1.3	0.75	2.6	0.041 U	22	1.4	5.4	0.61	1.9	0.69 J	0.58 U
	06/29/11	ORIG	0.59	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.34	0.15 U	0.16 U	1.2 U	0.2 UJ	0.86	0.38	1.6	0.043 U	53	0.69	5.8	0.58	1.9	0.63	0.6 U
	07/27/11	SPLIT	0.81	0.081	0.11 U	0.11 U	0.084	0.089	0.6	0.092 U	0.11	0.69 U	0.25	1.3	0.56	2.9	0.026 U	31 E	0.68	5.5 J	0.88 J	2.8 J	1.1 J	0.36 U
	07/27/11	ORIG	0.78	0.17 U	0.17 U	0.17 U	0.063	0.13 U	0.49 J	0.14 U	0.15 U	1.1 U	0.19 UJ	1.3	0.54	2.4	0.04 U	45 J	0.59	3.9 J	0.49 J	1.4 J	0.39 J	0.57 U
	08/31/11	ORIG	1.2	0.17 U	0.18 U	0.18 U	0.077	0.13 U	0.59	0.15 U	0.16 U	1.1 U	0.19 UJ	2.1	0.61	3	0.041 U	30	0.85	18	5.7	27	9.6	0.58 U
	09/27/11	SPLIT	1.3	0.17	0.11 U	0.3	0.085	0.093	0.56	0.092 U	0.43 J	1.9	0.23	1.5	0.69 J	3.1 J	0.026 U	54	2	12 J	2.5 J	11 J	5.4 J	0.36 U
	09/27/11	ORIG	1.3	0.18 U	0.19 U	0.19 U	0.068 U	0.15	0.46	0.16 U	0.29 J	1.6	0.2 U	1.6	0.53 J	2.3 J	0.044 U	66	1.8	8.5 J	1.8 J	6.4 J	2.8 J	0.62 U
	12/21/11	SPLIT	1.3 J	0.12	0.11 U	0.11 U	0.058	0.082 J	0.63	0.092 U	0.2	0.83	0.12	1.6 J	0.81	2.9	0.026 U	37 J	3	12	4 J	14 J	5.6 J	0.36 U
	12/21/11	ORIG	0.74 J	0.19 U	0.19 U	0.19 U	0.07 U	0.22 J	0.72	0.16 U	0.19	1.2 U	0.21 U	1.3 J	0.68	2.6	0.045 U	29 J	2.9	11	2.9 J	11 J	3.9 J	0.63 U
Maintenance Shop																								
	07/23/08	ORIG	26	1.4	0.2 U	0.2 U	2.1	0.14 U	0.44	0.16 U	0.18	3.7	0.21 J	1.6	2.6	2.2	0.046 U	25	1.6	11	2.2	8.6	2.9	0.64 U
	07/23/08	EPA	48.13 J	4.83 U	4.91 U	4.91 U	4.36 J	3.64 U	5.66 U	4.14 U	4.39 U	6.25 J	5.41 U	5.06 U	6.9 U	4.45 U	2.3 U	--	2.87 U	15.81	3.91 U	9.99 J	3.91 U	--
	03/03/09	ORIG	42	15 U	15 U	15 U	11 U	11 U	17 U	12 U	13 U	9.5 U	16 U	15 U	21 U	14 U	7 U	5600 E	8.7 U	2600	12 U	18	12 U	9.9 U
	07/16/09	ORIG	22	3.8 U	3.8 U	3.8 U	1.7	2.8 U	4.4 U	3.2 U	3.4 U	24 U	4.2 U	3.9 U	5.4 U	3.5 U	0.89 U	2700 E	5.6 U	1700	3 U	6.1 U	3 U	13 U
	08/25/09	ORIG	12	1.7 U	1.7 U	1.7 U	0.61	1.2 U	2 U	1.4 U	1.5 U	11 U	1.9 U	1.9	2.4 U	2.7	0.4 U	1500 E	4.7	720	2.4	7	2.3	5.6 U
	09/30/09	ORIG	29	1.9	0.19 U	0.19 U	2	0.14 U	0.57	0.16 U	0.17 U	7.4	0.48	1.7	2.3 J	2.5	0.045 U	130 E	8.6	100	28	120	52	0.63 U
	10/29/09	ORIG	36	2	0.86 U	0.86 U	2.2 J	0.64 U	0.99 U	0.73 U	0.77 U	6.2	0.95 U	1.9	6.2	2.5	0.2 U	890 E	3	490	2.8	8.8	3.3	2.8 U
	11/24/09	ORIG	25	1.3	0.2 U	0.2 U	2	0.14 U	0.47	0.16 U	0.17 U	4	0.22 U	1.5	2.1	2.5	0.046 U	64	6.9	36	8.4	33	11	0.64 U
	12/28/09	ORIG	63	3.3	1 U	1 U	6.4	0.76 U	1.2 U	0.86 U	0.91 U	9.4	1.1 U	3.2	5.3	2.4	0.24 U	1900 E	1.9	25	48	200	73	3.4 U
	01/27/10	ORIG	24	1.3	0.21 U	0.21 U	2.2	0.15 U	0.48	0.18 U	0.19 U	5.6	0.23 U	2	2	2.5	0.049 U	28	2.4	17	6	25	8.9	0.69 U
	02/24/10	ORIG	11	0.89	0.21 U	0.21 U	1.1	0.16 U	0.54	0.18 U	0.19 U	3.3	0.23 U	1.6	1.3	2.8 J	0.05 U	1000 E	2.6	38	4.5	20	8	0.7 U
	03/31/10	ORIG	19	1	0.18 U	0.18 U	1.6	0.2	0.41	0.15 U	0.16 U	7.2	0.2 U	1.3	1.8	2	0.042 U	25	5.3	38	4.3	18	5	0.59 U
	04/28/10	ORIG	46	2.2	0.15 U	0.15 U	3 J	0.11 U	0.41	0.12 U	0.16	8.7	0.16 U	1.7	2.7 J	2.2	0.035 U	34	1.6	9	0.98	3.5	1.1	0.49 U
	05/27/10	ORIG	7.9	0.48	0.19 U	0.19 U	1.2	0.14 U	0.52	0.16 U	0.17 U	4.5	0.2 U	1.9	1.6	2.8	0.044 U	140 E	2.3	19	3.7	15	5.1	0.62 U
	06/18/10	ORIG	2.5 U	2 U	2 U	2 U	0.74 U	1.5 U	2.4 U	1.7 U	1.8 U	13	2.2 U	2.1 U	2.9 U	2.2	0.48 U	1300 E	35	620	64	260	61	6.7 U
	06/24/10	ORIG	0.68	0.18 U	0.18 U	0.18 U	0.066	0.13 UJ	0.42	0.15 U	0.16 U	4.4	0.2 U	1.6	0.54	2.6	0.058	48 J	6.7	37	6.1	36	17	0.59 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	07/01/10	ORIG	5.9 U	4.7 U	4.8 U	4.8 U	3.5 U	3.5 U	5.5 U	4 U	4.3 U	4.8	5.3 U	4.9 U	6.7 U	4.3 U	2.2 U	380	9.7	21	3.8 U	12	4.5	3.2 U
	07/08/10	ORIG	0.56	0.35 U	0.36 U	0.36 U	0.13 U	0.26 UJ	0.58	0.3 U	0.32 U	5	0.39 U	1.7	0.73	2.4	0.084 U	1000 E	3.8	13	1	3.1	1.1	1.2 U
	07/28/10	ORIG	0.58	0.18 U	0.18 U	0.18 U	0.067 U	0.37	0.44	0.15 U	0.21	3	0.2 U	1.2	0.4	2.1	0.043 U	41	2.1	12	3.6	14	6.2	0.6 U
	08/27/10	ORIG	0.66	0.19 U	0.19 U	0.19 U	0.077	0.14 U	0.41	0.16 U	0.17 U	8.7	0.21 U	1.6 J	0.69	2.3	0.045 U	45	2.2	32	1.7	6.1	1.9	0.63 U
	09/29/10	ORIG	0.65	0.36 U	0.37 U	0.37 U	0.18	0.27 U	0.44	0.31 U	0.33 U	4.2	0.4 U	1.9	1.2	2.8	0.086 U	710 E	2.4	12	8.9	43	17	1.2 U
	10/27/10	ORIG	0.33	0.18 U	0.18 U	0.18 U	0.12	0.13 U	0.41	0.15 U	0.16 U	3.9	0.2 U	1.5	3	2.5	0.042 U	96 E	2	7.9	5.3	31	12	0.59 U
	11/30/10	ORIG	0.47	0.18 U	0.18 U	0.18 U	0.065 U	0.21	0.42 J	0.15 U	0.16 U	2.6	0.2 U	1	0.5	2.4	0.042 U	300 E	3.8	18	4.2	18	6.2	0.59 U
	12/28/10	ORIG	0.74	0.16 U	0.16 U	0.16 U	0.072	0.18	0.47 J	0.14 U	0.14 U	3.6	0.18 U	1.4	0.57	2.5	0.038 U	48	3.5	20	3.6	15	4.5	0.54 U
	01/26/11	ORIG	0.55	0.22 U	0.23 U	0.23 U	0.083 U	0.17 U	0.49 J	0.19 U	0.2 U	3.7	0.25 U	1.5	0.62	2.4	0.054 U	760 E	10	130	8.8	36	9.3	0.76 U
	02/28/11	ORIG	58 U	46 U	47 U	47 U	34 U	35 U	54 U	39 U	42 U	30 U	51 U	48 U	66 U	42 U	22 U	8700 E	27 U	2200	91	260	48	31 U
	03/30/11	ORIG	0.54	0.17 U	0.18 U	0.18 U	0.064 U	0.23	0.49	0.15 U	0.17	3.1	0.19 U	1.4	0.54	2.3	0.041 U	300 E	6.4	29	4.4	20	6	0.58 U
	04/29/11	SPLIT	0.46 J	0.055	0.11 U	0.11 U	0.046	0.081 U	0.55	0.092 U	0.14	8.1	0.12 J	1.6 J	0.73	2.6	0.026 U	28 J	3.3	24 J	6.6 J	27 J	11 J	0.46
	04/29/11	ORIG	0.32 J	0.18 U	0.18 U	0.18 U	0.067 U	0.19	0.44 J	0.15 U	0.16 U	7.8	0.2 J	2 J	0.65	2.8	0.043 U	40 J	3.1	18 J	2.6 J	10 J	3 J	0.6 U
	05/31/11	SPLIT	2.1 J	0.14	0.11 U	0.11 U	0.13	0.097	0.62	0.092 U	0.28	0.78	0.24	1.2	0.73	2.6	0.026 U	21 J	2.8	29	2.1 J	7.7 J	3.3	0.36 U
	05/31/11	ORIG	1.5 J	0.19 U	0.2 U	0.2 U	0.12	0.14 UJ	0.52 J	0.16 U	0.25	1.2 U	0.22 U	1.3	0.66	2.5	0.046 U	29 J	2.5	25	1.2 J	4.4 J	1.6 J	0.64 U
	06/29/11	Split	0.51 J	0.065	0.11 U	0.11 U	0.04 U	0.12	0.63 J	0.092 U	0.13	0.69 U	0.14	1.3	0.62	0.86 J	0.026 U	41	2.4 J	16	4.4 J	14 J	6.7 J	0.36 U
	06/29/11	ORIG	0.37 J	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.45 J	0.34	0.16 U	1.2	0.2 UJ	1.2	0.56	2.4 J	0.042 U	34	3 J	13	2.1 J	7.4 J	2.5 J	0.59 U
	07/27/11	ORIG	0.57	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.53 J	0.54	0.17 U	1.4	0.21 UJ	1.4	0.58	2.6	0.045 U	100 E	7	36	6.1	25	8	0.63 U
	08/31/11	Split	1.1	0.11	0.48 U	0.48 U	0.17 U	0.35 U	0.55 U	0.49	0.43 U	3 U	0.53 U	2.1	0.75	2.7	0.11 U	68 J	3.3	180	72 J	300	150 J	1.6 U
	08/31/11	ORIG	1	0.47 U	0.48 U	0.53	0.17 U	0.35 U	0.58	0.4 U	0.43 U	3 U	0.53 UJ	2	0.67	3	0.11 U	93 J	3	160	54 J	250	98 J	1.6 U
	09/27/11	ORIG	0.92	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.46	0.2	0.32	1.7	0.21 U	1.7	0.56	2.5	0.045 U	120 E	2.2	13	3.1	13	4.8	0.63 U
	12/21/11	ORIG	0.46	0.18 U	0.18 U	0.18 U	0.067 U	0.17	0.71	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.61	2.6	0.043 U	290 E	4.4	24	27	110	42	0.61 U
Second floor office area																								
	05/11/04	ORIG	100	4	0.49	0.2 U	21	0.15 U	0.62	0.17 U	0.23	1.4	0.22 U	6.9	26	2.6	0.046 U	43	1.4	8.7	1.5	5.5	2.1	0.66 U
	09/14/05	ORIG	45	1.7	0.2 U	0.2 U	6	0.15 U	0.63	0.17 U	0.21	1.3	0.22 U	3.4	6.8	1.5	0.047 U	37	1.2	6.5	0.95	3.3	0.96	0.66 U
	07/23/08	ORIG	140	5.9	0.19 U	0.19 U	12	0.14 U	0.44	0.16 U	0.43	1.5	0.21 U	3.1	10	2.3	0.045 U	37	0.88	7	0.88	3.1	1.1	0.63 U
	03/03/09	ORIG	330	12	0.52 U	0.52 U	41	0.39 U	0.6 U	0.44 U	0.59	3.3 U	0.57 U	11	37	2.5	0.12 U	110	2	49	1.5	4.9	2	1.7 U
	07/16/09	ORIG	47	2.1	0.19 U	0.19 U	2.6	0.14 U	0.55	0.16 U	0.31	1.4	0.21 U	2	1.6	2.4	0.045 U	180 E	1.7	89	0.65	2	0.7	0.63 U
	08/25/09	ORIG	18	1.1	0.16 U	0.16 U	0.92	0.12 U	0.54	0.14 U	0.33	1.5	0.18 U	1.6	1.2	2.6	0.039 U	54	1.9	13	0.81	2.4	0.78	0.55 U
	09/30/09	ORIG	39	1.7	0.19 U	0.19 U	1.4	0.14 U	0.64	0.16 U	0.22	4.2	0.2 U	1.7	1.8 J	2.9	0.044 U	34	2.1	28	7.3	38	13	0.62 U
	10/29/09	ORIG	95	3.8	0.19 U	0.19 U	4.7 J	0.14 U	0.43	0.16 U	0.28	1.9	0.2 U	2	8.1	2.4	0.044 U	79	2.1	22	1	3	1.1	0.62 U
	11/24/09	ORIG	240	9.5	0.35 U	0.35 U	19	0.26 U	0.42	0.3 U	0.61	3.2	0.39 U	4.2	14	2.4	0.082 U	84	3.1	19	4.2	14	5	1.2 U
	12/28/09	ORIG	520	20	0.89 U	0.89 U	57	0.66 U	1 U	0.76 U	0.97	8.6	0.99 U	14	39	2.2	0.21 U	2300 E	2.8	34	39	150	47	3 U
	01/27/10	ORIG	540	20	0.81 U	0.81 U	59	0.6 U	0.94 U	0.68 U	1.1	5.3	0.9 U	14	40	2.2	0.19 U	86	3.7	40	6.6	23	8.3	2.7 U
	02/24/10	ORIG	970	36	1.4 U	1.4 U	100	1.1 U	1.6 U	1.2 U	1.8	9.2 U	1.6 U	20	74	2.8 J	0.34 U	110	5	37	12	48	19	4.7 U
	03/31/10	ORIG	48	1.8	0.2 U	0.2 U	3.6	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	1.8	4.2	2.2	0.047 U	13	0.51	1.4	0.2	0.56	0.2	0.66 U
	04/28/10	ORIG	62	2.9	0.2 U	0.2 U	4.7 J	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	2	4.4 J	2.4	0.047 U	12	0.43	1.2	0.16	0.45	0.16	0.66 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	05/27/10	ORIG	660	24	0.7 U	0.7 U	85	0.52 U	0.81 U	0.59 U	1.2	5.7	0.78 U	12	54	2.9	0.16 U	54	1.9	11	2	6.1	2	2.3 U
	06/24/10	ORIG	3.9	0.24	0.19 U	0.19 U	0.43	0.14 UJ	0.4	0.16 U	0.17 U	2.6	0.21 U	1.8	0.59	2.5	0.045 U	43 J	3.2	16	2.4	11	4.3	0.63 U
	07/01/10	ORIG	3.4	0.36 U	0.37 U	0.37 U	0.17	0.27 U	0.42 J	0.31 U	0.33 U	3.2	0.4 U	2.1	0.71	2.5	0.086 U	120	3	9.1	0.98	3	1.2	1.2 U
	07/08/10	ORIG	1.5	0.25 U	0.26 U	0.26 U	0.093 U	0.19 UJ	0.42	0.22 U	0.23 U	4	0.28 U	1.6	0.64	2.5	0.06 U	770 E	3.2	12	0.95	2.9	1	0.84 U
	07/28/10	ORIG	4	0.29	0.18 U	0.18 U	0.24	0.14 U	0.38	0.15 U	0.16 U	3.9	0.2 U	1.4	0.54	2	0.043 U	150 E	1.9	9.2	2.8	11	4.6	0.6 U
	08/27/10	ORIG	2	0.22 U	0.22 U	0.22 U	0.08 U	0.16 U	0.4	0.18 U	0.2 U	3.4	0.24 U	1.8 J	0.59	2.1	0.051 U	42	1.5	16	0.83	2.4	0.96	0.72 U
	09/29/10	ORIG	2.4	0.88 U	0.89 U	0.89 U	0.54	0.66 U	1 U	0.76 U	0.8 U	17	0.99 U	2.9	1.4	2.5	0.21 U	320	5.6	200	130	520	200	3 U
	10/27/10	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.24	0.14 U	0.43	0.15 U	0.25	12	0.2 U	2.4	3	2.5	0.043 U	56	2.5	16	5.2	27	9.3	0.6 U
	11/30/10	ORIG	1	0.18 U	0.18 U	0.18 U	0.12	0.16	0.42 J	0.15 U	0.16 U	2.4	0.2 U	1.1	0.61	2.5	0.042 U	34	3	16	2.5	10	3.6	0.59 U
	12/28/10	ORIG	1.4	0.14	0.14 U	0.14 U	0.25	0.17	0.5 J	0.12 U	0.14	1.3	0.21	1.6	0.7	2.5	0.034 U	30	2.9	13	1.5	5	1.6	0.48 U
	01/26/11	ORIG	1.3	0.2 U	0.2 U	0.2 U	0.14	0.15 U	0.52 J	0.17 U	0.31	4.1	0.22 U	1.8	0.98	2.6	0.048 U	410 E	4.5	25	3.3	13	4.2	0.67 U
	02/28/11	ORIG	0.68	0.34 U	0.34 U	0.34 U	0.14 J	0.25 U	0.4	0.29 U	0.3 U	2.2 U	0.38 U	1.7	0.66	2.3	0.08 U	130	1.5	27	2	5.4	1.4	1.1 U
	03/30/11	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.16 J	0.17	0.52	0.15 U	0.2	2.8	0.2 U	1.7	0.75	2.6	0.042 U	39	1.7	7.5	1.2	4.1	1.4	0.59 U
	04/29/11	ORIG	0.68	0.18 U	0.18 U	0.18 U	0.081	0.16	0.39 J	0.15 U	0.16 U	4.5	0.2 J	2.2 J	0.9	2.9	0.042 U	31	1.2	6.3	0.68	2	0.67	0.59 U
	05/31/11	ORIG	2.4	0.19	0.19 U	0.19 U	0.24	0.14 UJ	0.52 J	0.16 U	0.23	1.2 U	0.2 U	1.3	0.74	2.6	0.044 U	20	1.4	5.7	0.62	2	0.72 J	0.62 U
	06/29/11	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.066 U	0.13 U	0.48	0.15 U	0.16 U	1.2 U	0.2 UJ	1.3	0.56	2.3	0.042 U	58	1.1	6.7	0.8	2.6	1	0.6 U
	07/27/11	ORIG	0.86	0.16 U	0.16 U	0.16 U	0.079	0.12 U	0.56 J	0.14 U	0.14 U	1 U	0.18 UJ	1.5 J	0.59	2.7	0.038 U	44	0.63	3.8	0.55	1.8	0.61	0.54 U
	08/31/11	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.089	0.13 U	0.61	0.15 U	0.16 J	1.1 U	0.2 UJ	2.1	0.66	2.9	0.042 U	27	0.91	24	8	36	13	0.59 U
	09/27/11	ORIG	0.88	0.18 U	0.19 U	0.19 U	0.09	0.14 U	0.5	0.16 U	0.3	2.1	0.2 U	1.6	0.6	2.6	0.044 U	47	1.8	6.8	1.3	4.5	2.1	0.62 U
	12/21/11	ORIG	0.53	0.18 U	0.18 U	0.18 U	0.067 U	0.2	0.71	0.16 U	0.16	1.2 U	0.2 U	1.3	0.67	2.6	0.043 U	19	2.3	8.3	1.8	6.4	2.3	0.61 U
Women and Children's Crisis Shelter																								
First Floor Great Room																								
	05/27/10	ORIG	8	0.78	0.19 U	0.19 U	4.6 J	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.2 U	2	2 J	2.8	0.044 U	11	0.55	1.8	0.24	0.58	0.2	0.62 U
	07/01/10	ORIG	4.3	0.4	0.17 U	0.17 U	1.6	0.25	0.29	0.14 U	0.23	2.3	0.19 U	1.8	0.87	2.5	0.04 U	52	0.87	29	2.8	21	3	0.56 U
	07/28/10	ORIG	4.7	0.47	0.2 U	0.2 U	1.4	0.15 U	0.37	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.74	2	0.047 U	17	0.57	1.8	0.39	0.96	0.3	0.66 U
	08/27/10	ORIG	3.9	0.23	0.2 U	0.2 U	1.1	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.74	2.1	0.046 U	16	0.8	2.5	0.36	0.78	0.36	0.64 U
	10/07/10	ORIG	5.8	0.28	0.19 U	0.19 U	1.1	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	2	0.88	2.8	0.045 U	16	0.6	1.8	0.21	0.52	0.16	0.63 U
	10/27/10	ORIG	3.1	0.14	0.15 U	0.15 U	0.28	0.11 U	0.44	0.12 U	0.13 U	1	0.16 U	1.8	1.1	2.6	0.035 U	9.4	0.94	2.5	0.35	1	0.33	0.49 U
	11/30/10	ORIG	15	0.6	0.19 U	0.19 U	2.6	0.14 U	0.32 J	0.16 U	0.17 U	1.2 U	0.2 U	1	0.84	1.7	0.044 U	1200 E	1	2.5	0.49	1.5	0.51	0.62 U
	12/28/10	ORIG	4.8	0.39	0.15 U	0.15 U	0.5	0.19	0.49 J	0.12 U	0.17	0.95	0.16 U	1.6	0.86	2.6	0.034 U	19	4.3	12	1.2	3.6	0.97	0.48 U
	01/26/11	ORIG	2.9	0.17 J	0.17 U	0.17 U	0.21	0.2	0.33 J	0.14 U	0.16	1.2	0.19 U	1.6	0.6	2.6	0.04 U	23	1.4	5.2	0.65	2	0.81	0.57 U
	02/28/11	ORIG	2	0.19 U	0.2 U	0.2 U	0.32 J	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.4	0.7	2.5	0.046 U	9.9	0.97	2.2	0.35	1	0.34	0.64 U
	03/30/11	ORIG	5.3	0.29 J	0.3 U	0.3 U	3.1	0.22 U	0.48	0.25 U	0.26 U	1.9 U	0.33 U	1.8	2	2.4	0.07 U	17	1.2	4	0.61	1.8	0.56 J	0.98 U
	04/29/11	ORIG	4.9	0.22	0.18 U	0.18 U	0.68	0.15	0.48	0.15 U	0.16 U	1.1 U	0.2 UJ	2.4	1.6	3.2	0.042 U	12	0.48	1.6	0.16	0.35	0.14 U	0.59 U
	05/31/11	ORIG	3.4	0.19 U	0.19 U	0.19 U	0.49	0.14 UJ	0.54 J	0.16 U	0.17	1.2 U	0.21 U	1.3	0.99	2.6	0.045 U	14	0.99	3.1	0.42	1.2	0.43 J	0.63 U
	06/29/11	ORIG	4.2	0.2	0.16 U	0.16 U	0.46	0.12 U	0.49	0.14 U	0.15 U	1 U	0.18 UJ	1.3	0.85	2.4	0.038 U	25	0.57	1.8	0.31	0.91	0.44	0.54 U
	07/27/11	ORIG	6	0.3	0.17 U	0.17 U	0.85	0.13 U	0.5	0.14 U	0.15 U	1.1 U	0.19 UJ	1.4 J	1	2.5	0.04 U	10	0.32	1	0.18	0.52	0.19	0.57 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	08/31/11	ORIG	6.1	0.32	0.18 U	0.18 U	0.9	0.14 U	0.68	0.15 U	0.26	1.6	0.2 UJ	2.2	1.3	3.2	0.043 U	20	0.52	1.6	0.23	0.59	0.22	0.6 U
	09/27/11	ORIG	5.3	0.37	0.19 U	0.19 U	5	0.14	0.44	0.16 U	0.31	2	0.2 U	3.6	1.1	2.4	0.044 U	31	1.7	5.6	1.7	8.8	5.5	0.62 U
	10/28/11	SPLIT	3.5 J	0.31 J	0.11 U	0.11 U	0.51 J	0.11	0.69 J	0.092 U	0.42 J	1.8	0.42	1.6	1.3 J	2.1	0.026 U	29 J	3.9 J	14 J	2.9 J	11 J	3.9 J	0.36 U
	10/28/11	ORIG	2.4 J	0.21 J	0.2 U	0.2 U	0.31 J	0.16	0.52 J	0.16 U	0.61 J	1.2 U	0.46	1.4 J	0.76 J	2.5	0.046 U	120 E	1.9 J	6.4 J	0.94 J	3.5 J	1.3 J	0.64 U
	11/30/11	SPLIT	2 J	0.21 J	0.62	0.11 U	0.19 J	0.37 J	0.93 J	0.092 U	0.46	1.4	0.29	2.3 J	1.3	3.7 J	0.026 U	31 J	3.2 J	13 J	2.3 J	7.2 J	2.3 J	0.36 U
	11/30/11	ORIG	3.9 J	0.38 J	0.19 U	0.19 U	0.53 J	0.18 J	0.49 J	0.16 U	0.36	1.7	0.21 UJ	1.6 J	1.3	2.4 J	0.045 U	39 J	2.4 J	8.1 J	1.3 J	4.3 J	1.6 J	0.63 U
First Floor Office (Northwest Corner of Building)																								
	05/27/10	ORIG	13	1	0.17 U	0.17 U	7.9 J	0.13 U	0.55	0.14 U	0.15 U	1.1 U	0.19 U	2.6	3.1 J	2.9	0.04 U	26	0.53	1.8	0.25	0.6	0.2	0.57 U
	07/01/10	ORIG	8.9	0.65	0.19 U	0.19 U	4	0.14 U	0.45	0.16 U	0.2	1.4	0.2 U	2.2	1.5	2.8	0.044 U	36	0.88	2.5	0.24	0.51	0.27	0.62 U
	07/28/10	ORIG	4.5	0.44	0.2 U	0.2 U	1.4	0.14 U	0.22 U	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.79	2.1	0.046 U	39	0.61	1.9	3.2	8.3	1.7	0.64 U
	08/27/10	ORIG	4.6	0.23	0.18 U	0.18 U	0.53	0.13 U	0.44	0.15 U	0.16 J	1.1 U	0.2 U	1.6	0.74	2.2	0.042 U	20	0.79	2.3	0.3	0.7	0.25	0.59 U
	10/07/10	ORIG	6	0.27	0.19 U	0.19 U	1.3	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.9	0.86	2.6	0.045 U	20	0.74	1.9	0.24	0.62	0.22	0.63 U
	10/27/10	ORIG	1.9	0.18 U	0.18 U	0.18 U	0.14	0.13 U	0.4	0.15 U	0.16 U	1.2	0.2 U	1.8	0.88	2.6	0.042 U	14	0.69	4.8	0.17	0.3	0.14 U	0.59 U
	11/30/10	ORIG	24	18 U	18 U	18 U	13 U	14 U	21 U	15 U	16 U	12 U	20 U	19 U	26 U	2.8 J	8.6 U	67	2.4 J	4.1 J	14 U	2.2 J	14 U	12 U
	12/28/10	ORIG	3.9	0.19	0.16 U	0.16 U	0.46	0.17	0.48 J	0.13 U	0.14 U	1 U	0.17 U	1.6	0.85	2.7	0.037 U	13	1.3	3.8	0.48	1.3	0.42	0.52 U
	01/26/11	ORIG	3.5	0.19	0.19 U	0.19 U	0.28	0.2	0.34 J	0.16 U	0.17 U	1.2	0.21 U	1.6	0.62	2.6	0.045 U	19	1.4	4.6	0.63	1.8	0.55	0.63 U
	02/28/11	ORIG	2.4	0.18 U	0.18 U	0.18 U	0.39 J	0.13 J	0.42	0.15 U	0.16 U	2.9	0.2 U	1.7	0.72	2.5	0.042 U	11	1	2.6	0.4	1.2	0.4	0.59 U
	03/30/11	ORIG	4.1	0.24	0.17 U	0.17 U	0.6 J	0.13 U	0.5	0.14 U	0.21	2.1	0.19 U	1.6	1	2.6	0.04 U	20	1.2	7	0.6	1.5	0.48 J	0.57 U
	04/29/11	ORIG	3.4 J	0.35 J	0.15 UJ	0.15 UJ	0.53 J	0.24 J	0.44 J	0.12 UJ	0.19 J	1.8 J	0.16 UJ	2 J	1.1 J	2.9 J	0.034 UJ	26 J	0.73 J	14 J	0.65 J	1.1 J	0.33 J	0.48 UJ
	05/31/11	ORIG	3.7	0.18 U	0.19 U	0.19 U	0.46	0.14 UJ	0.53 J	0.16 U	0.2	1.2 U	0.2 U	1.3	0.96	2.6	0.044 U	14	1	3.2	0.44	1.3	0.45 J	0.62 U
	06/29/11	ORIG	4.3	0.19	0.18 U	0.18 U	0.39	0.14 U	0.48	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.77	2.2	0.043 U	26	0.49	1.6	0.28	0.86	0.31	0.6 U
	07/27/11	ORIG	16	0.74	0.16 U	0.16 U	2.2	0.12 U	1.3 J	0.14 U	0.3	1.9	0.18 UJ	3.2 J	2.6	6.2	0.039 U	28	0.79	2.7	0.44	1.3	0.47	0.55 U
	08/31/11	ORIG	6.1	0.31	0.18 U	0.18 U	0.84	0.14 U	0.61	0.16 U	0.17	1.2 U	0.2 UJ	2.1	1.2	3	0.043 U	17	0.5	1.6	0.22	0.6	0.23	0.61 U
	09/27/11	ORIG	5.6	0.39	0.19 U	0.19 U	5.2	0.14	0.49	0.16 U	0.36	2.4	0.21 U	4.1	1.3	2.5	0.045 U	34	1.7	5.5	1.6	8.1	5	0.63 U
	10/28/11	ORIG	2.4	0.2	0.19 U	0.19 U	0.32	0.16	0.5	0.16 U	0.45	1.3	0.32	1.4	0.75	2.4	0.045 U	110 E	1.9	6.1	0.9	3.4	1.5	0.63 U
	11/30/11	ORIG	3.7	0.36	0.19 U	0.19 U	0.51	0.19	0.46	0.16 U	0.35	1.7	0.24 J	1.6	1.3	2.4	0.044 U	38	2.4	8.3	1.3	4.5	1.6	0.62 U
First Floor Outside Elevator																								
	05/27/10	ORIG	21	1.4	0.2 U	0.2 U	12 J	0.15 U	0.53	0.17 U	0.18 U	1.3 U	0.22 U	2.9	4.8 J	2.7	0.047 U	21	0.64	2	0.29	0.74	0.26	0.66 U
	07/01/10	ORIG	11	0.75	0.19 U	0.19 U	3.9	0.73	0.44	0.16 U	0.36	1.2 U	0.21 U	2.2	1.5	2.7	0.045 U	27	1.6	2.6	0.23	0.47	0.17	0.63 U
	07/28/10	ORIG	5.5	0.47	0.18 U	0.18 U	1.4	0.13 U	0.41	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.71	2.1	0.042 U	14	0.58	2.2	0.65	1.6	0.43	0.59 U
	08/27/10	ORIG	5.1	0.24	0.19 U	0.19 U	0.37	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.62	2.1	0.045 U	15	0.79	2.3	0.31	0.76	0.26	0.63 U
	10/07/10	ORIG	5.5	0.26	0.18 U	0.18 U	1.1	0.14 U	0.46	0.15 U	0.16 U	1.2 U	0.2 U	1.9	0.84	2.6	0.043 U	15	0.61	1.8	0.21	0.53	0.18	0.6 U
	10/07/10	DUP	5.6	0.26	0.17 U	0.17 U	1.3	0.14	0.47	0.14 U	0.15 U	1.1 U	0.19 U	2	1	2.8	0.04 U	14	0.62	1.8	0.21	0.53	0.18	0.57 U
	10/27/10	ORIG	3.7	0.24	0.38	0.15 U	0.51	0.11 U	0.45	0.12 U	0.15	0.94 U	0.16 U	1.9	1.3	2.6	0.035 U	9.7	1.3	3.4	0.49	1.4	0.46	0.49 U
	11/30/10	ORIG	26	14 U	14 U	14 U	10 U	11 U	17 U	12 U	13 U	9.2 U	16 U	15 U	20 U	2.4 J	6.7 U	28	2.5 J	6.4 J	11 U	3.8 J	1.4 J	9.5 U
	12/28/10	ORIG	6.5	0.36	0.15 U	0.15 U	0.91	0.19	0.5 J	0.12 U	0.19	0.93 U	0.16 U	1.6	1	2.7	0.034 U	22	4.2	11	1.3	4.4	1.3	0.48 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	01/26/11	ORIG	3.8	0.19	0.19 U	0.19 U	0.34	0.2	0.51 J	0.16 U	0.17 J	1.3	0.21 U	1.6	0.7	2.6	0.045 U	23	1.5	4.7	0.65	1.9	0.58	0.63 U
	02/28/11	SPLIT	0.42 J	0.066	0.72	0.11 U	0.04 U	0.49	0.94 J	0.092 U	0.52	1.2	0.33	1.9 J	1 J	0.56 J	0.026 U	24 J	2.3 J	14 J	0.94 J	2.8 J	0.95 J	0.36 U
	02/28/11	ORIG	2.8 J	0.19 U	0.2 U	0.2 U	0.4 J	0.14 U	0.4 J	0.16 U	0.17 U	1.2 U	0.22 U	1.5 J	0.69 J	2.4 J	0.046 U	8.8 J	0.98 J	2.2 J	0.36 J	1 J	0.34 J	0.64 U
	03/30/11	ORIG	4.8	0.26	0.17 U	0.17 U	1 J	0.16	0.49	0.14 U	0.2	1.3	0.19 U	1.6	1.6 J	2.6	0.04 U	20	1.2	4	0.63	1.7	0.52 J	0.56 U
	03/30/11	DUP	4.7	0.26	0.18 U	0.18 U	0.64 J	0.14 U	0.51	0.15 U	0.21	1.4	0.2 U	1.7	1.1 J	2.6	0.043 U	19	1.2	4	0.64	1.8	0.52 J	0.6 U
	04/29/11	ORIG	5.2	0.23	0.18 U	0.18 U	0.74	0.17	0.48	0.15 U	0.16 U	1.1 U	0.19 UJ	2.2	1.5	3	0.041 U	11	0.48	1.5	0.19	0.46	0.14 U	0.58 U
	04/29/11	DUP	5.1	0.23	0.18 U	0.18 U	0.67	0.15	0.47	0.15 U	0.16 U	1.2 U	0.2 UJ	2.2	1.5	3	0.043 U	12	0.48	1.5	0.19	0.43	0.14 U	0.6 U
	05/31/11	ORIG	3.4	0.19 U	0.19 U	0.19 U	0.45	0.14 UJ	0.51 J	0.16 U	0.2	1.2 U	0.21 U	1.2	0.93	2.6	0.045 U	14	1	3.1	0.44	1.4	0.47 J	0.63 U
	06/29/11	ORIG	3.6	0.17 J	0.18 U	0.18 U	0.38	0.13 U	0.49	0.15 U	0.16 U	1.1 U	0.2 UJ	1.2	0.77	2.3	0.042 U	20	0.51	1.8	0.37	0.96	0.4	0.59 U
	07/27/11	ORIG	6.9	0.36	0.15 U	0.15 U	1	0.11 U	0.57	0.13 U	0.15	0.96 U	0.18 J	1.5 J	1.2	2.7	0.036 U	9.9	0.34	1	0.2	0.56	0.21	0.5 U
	08/31/11	ORIG	6	0.3	0.2 U	0.2 U	0.84	0.15 U	0.57	0.17 U	0.18 U	1.3 U	0.22 UJ	2.1	1.2	3.1	0.047 U	14	0.56	1.6	0.27	0.81	0.31	0.66 U
	09/27/11	ORIG	5.4	0.38	0.19 U	0.19 U	4.8	0.14 U	0.45	0.16 U	0.33	2.6 J	0.2 U	3.6	1.2	2.4	0.044 U	34	1.7	5.4	1.7	8.4	5.2	0.62 U
	09/27/11	DUP	5.5	0.37	0.19 U	0.19 U	4.7	0.15	0.44	0.16 U	0.32	2 J	0.21 U	3.5	1.1	2.3	0.045 U	31	1.8	5.6	1.7	8.8	5.4	0.63 U
	10/28/11	ORIG	2.4	0.21	0.19 U	0.19 U	0.32	0.16	0.51	0.16 U	0.47	1.2 U	0.37	1.4	0.78	2.4	0.045 U	84	1.9	6.3	0.93	3.5	1.3	0.63 U
	11/30/11	ORIG	3.9	0.37	0.18 U	0.18 U	0.52	0.18	0.47	0.15 U	0.36	1.7	0.2 UJ	1.5	1.3	2.4	0.043 U	40	2.4	8.4	1.3	4.4	1.6	0.6 U
Middle Office on First Floor																								
	03/31/10	ORIG	490	20	0.48 U	0.48 U	180	0.35 U	0.55 U	0.4 U	0.76	3 U	0.53 U	29	120	2.4	0.11 U	21	0.7 U	1.5	0.38 U	0.76 U	0.38 U	1.6 U
	05/27/10	SPLIT	17 J	1.3	0.11 U	0.11 U	7.7	0.093	0.6	0.092 U	0.12	0.55	0.34	2.1	3	2.4	0.026 U	15	0.66	3.6 J	0.54 J	1.6 J	0.66 J	0.35 U
	05/27/10	ORIG	13 J	1.1	0.19 U	0.19 U	8.4 J	0.14 U	0.54	0.16 U	0.17 U	1.2 U	0.2 U	2.5	3.6 J	2.9	0.044 U	16 J	0.6	1.8 J	0.26 J	0.64 J	0.24 J	0.62 U
	05/27/10	DUP	13	1	0.18 U	0.18 U	8.1 J	0.13	0.54	0.15 U	0.16 U	1.1 U	0.19 U	2.5	3.5 J	2.8	0.041 U	13 J	0.53	1.8	0.27	0.58	0.29	0.58 U
	07/01/10	SPLIT	5.1 J	0.36 J	0.11 U	0.11 U	1.9 J	0.081 U	0.59 J	0.092 U	0.39	0.73	0.19	1.6 J	1.1 J	2.6 J	0.026 U	8.3 J	0.95 J	3.7 J	0.64 J	2.1 J	0.87 J	0.36 U
	07/01/10	ORIG	3.3 J	0.29 J	0.19 U	0.19 U	0.96 J	0.14 U	0.31 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2 J	0.62 J	1.5 J	0.045 U	16 J	0.51 J	1.6 J	0.16 J	0.37 J	0.17 J	0.63 U
	07/28/10	ORIG	4.1	0.41	0.2 U	0.2 U	1.1	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.69	2	0.046 U	15 J	0.58	1.8 J	0.61	1.5	0.42	0.64 U
	07/28/10	DUP	3.7	0.43	0.18 U	0.18 U	0.9	0.14 U	0.4	0.15 U	0.16 U	1.2 U	0.2 U	1.3	0.62	2	0.043 U	24 J	0.61	17 J	0.67	1.6	0.47	0.6 U
	08/27/10	ORIG	4	0.21	0.21 U	0.21 U	0.33	0.16 U	0.37	0.18 U	0.19 U	1.4 U	0.24 U	1.7 J	0.66	2.2	0.05 U	13	0.74	2.2	0.27	0.61	0.19	0.71 U
	08/27/10	DUP	3.9	0.2	0.2 U	0.2 U	0.3	0.15 U	0.37	0.17 U	0.18 U	1.3 U	0.22 U	1.1 J	0.61	2.2	0.048 U	15	0.74	2.2	0.28	0.66	0.21	0.67 U
	10/07/10	ORIG	5.5	0.26	0.18 U	0.18 U	1.1	0.15	0.46	0.15 U	0.23	1.1 U	0.2 U	1.9	0.85	2.7	0.042 U	17	0.62	1.8	0.23	0.53	0.18	0.59 U
	10/27/10	ORIG	2	0.18 U	0.18 U	0.18 U	0.12	0.13 U	0.44	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.86	2.6	0.042 U	14	0.55	1.4	0.2	0.56	0.19	0.59 U
	11/30/10	ORIG	24 J	22 U	22 U	22 U	16 U	16 U	25 U	18 U	20 U	14 U	24 U	23 U	31 U	20 U	10 U	140	2.3 J	6.7 J	17 U	3.2 J	17 U	14 U
	12/28/10	ORIG	6.8	0.43	0.15 U	0.15 U	1	0.13	0.53 J	0.12 U	0.19	1.1	0.16	1.7	1.1	2.8	0.034 U	21	4.7	12	1.6	5.4	1.6	0.48 U
	01/26/11	ORIG	3.4	0.19	0.18 U	0.18 U	0.32	0.18	0.51 J	0.15 U	0.17	1.2	0.19 U	1.3	0.68	2.7	0.041 U	20	1.5	4.6	0.66	1.9	0.57	0.58 U
	02/28/11	ORIG	2.8	0.19 U	0.2 U	0.2 U	0.42 J	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.7	0.73	2.5	0.046 U	9.4	1	2.2	0.36	1	0.36	0.64 U
	03/30/11	ORIG	4.6	0.24	0.18 U	0.18 U	0.53 J	0.15	0.43	0.15 U	0.2	1.3	0.2 U	0.94	1	2.5	0.043 U	14	1.2	3.9	0.65	1.8	0.5 J	0.6 U
	04/29/11	ORIG	5.8	0.25	0.16 U	0.16 U	1.2	0.13	0.47	0.13 U	0.14 J	1 U	0.17 UJ	2.2	1.6	2.9	0.037 U	12	0.48	1.1	0.24	0.6	0.14	0.52 U
Second Floor Office																								
	05/27/10	ORIG	4.3	0.54	0.19 U	0.19 U	2.8 J	0.14 U	0.51	0.16 U	0.17 U	1.2 U	0.2 U	1.9	1.7 J	2.7	0.044 U	20	0.52	1.9	0.24	0.58	0.19	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	07/01/10	ORIG	3.2	0.35	0.2 U	0.2 U	1.4	0.15 U	0.39	0.17 U	0.18	1.3 U	0.22 U	1.8	0.9	2.6	0.047 U	38	0.9	2.5	0.22	0.48	0.24	0.66 U
	07/28/10	ORIG	2.5	0.3	0.18 U	0.18 U	0.65	0.13 U	0.38	0.15 U	0.16 U	1.1 U	0.2 U	1.2	0.63	2	0.042 U	15	0.58	1.9	0.43	0.93	0.32	0.59 U
	08/27/10	ORIG	2.4	0.19 U	0.2 U	0.2 U	0.28	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.61	2.1	0.046 U	18	0.82	2.4	0.29	0.69	0.25	0.64 U
	10/07/10	ORIG	4	0.19	0.18 U	0.18 U	1.4	0.13 U	0.46	0.15 U	0.16	1.1 U	0.2 U	1.9	1.2	2.7	0.042 U	16	0.63	2.2	0.24	0.58	0.23	0.59 U
	10/27/10	ORIG	1.7	0.19 U	0.19 U	0.19 U	0.19	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.7	0.92	2.6	0.045 U	11	0.74	1.9	0.28	0.76	0.25	0.63 U
	10/27/10	DUP	1.6	0.19 U	0.19 U	0.19 U	0.19	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.9	2.6	0.045 U	9.5	0.72	2	0.27	0.76	0.25	0.63 U
	11/30/10	ORIG	9 J	0.4	0.15 U	0.15 U	1.7 J	0.11 U	0.31 J	0.13 U	0.14 U	0.98 U	0.17 U	1.1	0.65 J	1.6 J	0.036 U	17 J	0.99 J	2.3 J	0.37 J	1.1 J	0.36	0.51 U
	11/30/10	DUP	14 J	0.61	0.21 U	0.21 U	2.4 J	0.15 U	0.41 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.94 J	2.3 J	0.049 U	43 J	1.3 J	3 J	0.5 J	1.4 J	0.46	0.69 U
	12/28/10	ORIG	5	0.29	0.15 U	0.15 U	0.7	0.2	0.5 J	0.12 U	0.45	0.93 U	0.16 U	1.6	1	2.7	0.034 U	15	2.1	5.6	0.72	2	0.64 J	0.48 U
	12/28/10	DUP	4.6	0.27	0.16 U	0.16 U	0.65	0.14	0.48 J	0.14 U	0.4	1 U	0.18 U	1.6	0.99	2.6	0.038 U	17	2.1	5.7	0.71	2.1	0.82 J	0.54 U
	01/26/11	ORIG	3.6	0.21	0.18 U	0.18 U	0.3	0.23	0.5 J	0.15 U	0.33	1.3	0.2 U	1.6	0.71	2.5	0.042 U	20	1.6	5.1	0.66	1.9	0.57	0.59 U
	01/26/11	DUP	3.6	0.21	0.2 U	0.2 U	0.3	0.24	0.5 J	0.16 U	0.32	1.3	0.22 U	1.6	0.72	2.6	0.046 U	20	1.5	4.9	0.66	1.8	0.57	0.64 U
	02/28/11	ORIG	2.4	0.18 U	0.18 U	0.18 U	0.38 J	0.14	0.4	0.15 U	0.25	1.2 U	0.2 U	1.6	0.7	2.4	0.043 U	28 J	1.1	3.2 J	0.44	1.2	0.42	0.6 U
	02/28/11	DUP	2.6	0.17 U	0.17 U	0.17 U	0.42 J	0.13 U	0.46	0.14 U	0.25	1.1 U	0.19 U	1.7	0.73	2.4	0.04 U	10 J	1.1	2.5 J	0.39	1.2	0.41	0.57 U
	03/30/11	ORIG	5.8	0.31	0.18 U	0.18 U	0.78 J	0.17	0.5	0.15 U	0.42	2	0.2 U	1.7	1.2	2.6	0.043 U	19	1.2	4	0.54	1.5	0.46 J	0.6 U
	04/29/11	ORIG	5.4	0.24	0.18 U	0.18 U	0.81	0.13 U	0.49	0.15 U	0.31	1.1 U	0.2 UJ	2.3	1.6	3	0.042 U	12	0.46	1.2	0.16	0.37	0.14 U	0.59 U
Second Floor, Office 16																								
	05/31/11	ORIG	3.8	0.19 U	0.2 U	0.2 U	0.52	0.18 J	0.55 J	0.16 U	1.5 J	1.2 U	0.22 U	1.4	1	2.7	0.046 U	15 J	1 J	3.2 J	0.43 J	1.2 J	0.42 J	0.64 U
	05/31/11	DUP	4.5	0.23	0.15 U	0.15 U	0.58	0.16 J	0.54 J	0.13 U	0.4 J	1.1	0.17 U	1.3	1	2.6	0.036 U	19 J	1.8 J	6.5 J	0.79 J	2.6 J	0.84 J	0.5 U
	06/29/11	ORIG	3.6	0.2	0.16 U	0.16 U	0.42	0.14	0.52	0.14 U	0.21	1 U	0.18 UJ	1.3	0.81	2.4	0.038 U	22	0.59	2.1	0.37	1	0.36	0.53 U
	06/29/11	DUP	3.4	0.18	0.18 U	0.18 U	0.37	0.18	0.5	0.15 U	0.2	1.1 U	0.19 UJ	1.2	0.78	2.4	0.041 U	25	0.56	1.8	0.3	0.85	0.34	0.58 U
	07/27/11	ORIG	5.8	0.3	0.22 U	0.22 U	0.85	0.17 U	0.44	0.19 U	0.23	1.4 U	0.25 UJ	1.3 J	1	2.5	0.053 U	12	0.33	1	0.18	0.53	0.2	0.74 U
	07/27/11	DUP	5.9	0.3	0.2 U	0.2 U	0.88	0.21	0.5	0.16 U	0.23	1.2 U	0.22 UJ	1.4 J	1	2.5	0.046 U	12	0.31	1.1	0.19	0.54	0.21	0.64 U
	08/31/11	ORIG	6.2	0.31	0.21 U	0.21 U	0.91	0.18	0.63	0.18 U	0.28	1.3 U	0.23 UJ	2.1	1.3	3	0.049 U	17	0.5	1.5	0.21	0.55	0.2	0.69 U
	08/31/11	DUP	6.5	0.36	0.19 U	0.19 U	0.94	0.15	0.63	0.16 U	0.28	1.2 U	0.21 UJ	2.2	1.3	3	0.045 U	19	0.5	1.5	0.22	0.58	0.21	0.63 U
	09/27/11	ORIG	5.6	0.38	0.19 U	0.19 U	4.1	0.14	0.46	0.16 U	0.32	2	0.21 U	3.2	1.2	2.4	0.045 U	33	1.8	5.6	1.6	8	5	0.63 U
	10/28/11	ORIG	2.5	0.28	0.19 U	0.19 U	0.36	0.19	0.49	0.16 U	0.39	1.4	0.21 U	1.6	0.77	2.6	0.045 U	50	1.9	9.1 J	1.1 J	4 J	1.5 J	0.63 U
	10/28/11	DUP	2.5	0.22	0.2 U	0.2 U	0.37	0.18	0.5	0.17 U	0.36	1.3 U	0.22 U	1.4	0.79	2.6	0.047 U	46	1.8	6.5 J	0.89 J	3.2 J	1.2 J	0.66 U
	11/30/11	ORIG	4	0.39	0.19 U	0.19 U	0.54	0.18	0.48	0.16 U	0.36	1.6	0.21 UJ	1.5	1.2	2.4	0.045 U	41	2.4 J	8.1	1.3	4.2	1.5	0.63 U
	11/30/11	DUP	3.9	0.36	0.19 U	0.19 U	0.52	0.18	0.46	0.16 U	0.35	1.6	0.21 UJ	1.5	1.2	2.3	0.045 U	39	4.1 J	7.9	1.3	4.2	1.6	0.63 U
Second Floor, Office 17																								
	05/31/11	ORIG	3.8	0.19 U	0.19 U	0.19 U	0.53	0.14 UJ	0.46 J	0.16 U	0.28	1.2 U	0.21 U	1.3	1	2.7	0.045 U	15	1	3.2	0.42	1.2	0.43 J	0.63 U
	06/29/11	ORIG	3.6	0.19	0.18 U	0.18 U	0.4	0.14 U	0.54	0.15 U	0.22	1.2 U	0.2 UJ	1.3	0.83	2.4	0.043 U	19	0.54	1.7	0.29	0.87	0.32	0.6 U
	07/27/11	ORIG	6.8	0.36	0.16 U	0.16 U	1	0.12 U	0.52	0.14 U	0.26	1 U	0.18 UJ	1.4 J	1.2	2.5	0.038 U	15	0.3	1	0.18	0.52	0.18	0.54 U
	08/31/11	ORIG	6.1	0.35	0.2 U	0.2 U	0.92	0.15 U	0.59	0.17 U	0.28	1.3 U	0.22 UJ	2.1	1.2	3	0.048 U	17	0.51	1.5	0.21	0.55	0.2	0.67 U
	09/27/11	ORIG	5.6	0.39	0.19 U	0.19 U	4.1	0.14 U	0.44	0.16 U	0.32	2	0.21 U	3.2	1.2	2.4	0.045 U	32	1.7	5.5	1.6	7.9	4.9	0.63 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	10/28/11	ORIG	2.5	0.23	0.2 U	0.2 U	0.37	0.15	0.53	0.17 U	0.41	1.3 U	0.22 U	1.5	0.81	2.6	0.047 U	50	1.9	6.9	1	3.8	1.4	0.66 U
	11/30/11	ORIG	4	0.37	0.19 U	0.19 U	0.54	0.18	0.48	0.16 U	0.36	1.6	0.21 UJ	1.5	1.2	2.4	0.045 U	39	2.4	8	1.2	4.1	1.5	0.63 U

Notes:

Concentrations are reported in micrograms per cubic meter (ug/m³)

Concentrations for EPA samples are reported in ug/m³, which were calculated from ppb (v/v) results and then rounded to the appropriate number of significant figures.

Only compounds detected in one or more air samples more than once are shown.

VOCs analyzed by EPA Method TO-15 SIM.

U = Not detected at a concentration greater than the reporting limit shown.

J = Detected at an estimated concentration between the laboratory reporting and method detection limits, or estimated result due to field or laboratory quality control issues

E = Estimated concentration - exceeds upper calibration range of instrument.

-- = Analyte not reported.

PCE = Tetrachloroethene; TCE = Trichloroethene; TCA = Trichloroethane; DCE = Dichloroethene; CTC = Carbon tetrachloride; CBN = Chlorobenzene; CFM = Chloroform; MC = Methylene chloride; DCB = Dichlorobenzene; Freon 11 = Trichlorofluoromethane; Freon 113 = 1,1,2-Trichloro-1,2,2-trifluoroethane; Freon 12 = Dichlorodifluoromethane; VC = Vinyl chloride; MTBE = Methyl tert-butyl ether.

Sample Type:

ORIG = Original sample

DUP = Duplicate sample

SPLIT = Split sample - analyzed by different laboratory than primary sample.

EPA = Sample collected by EPA

Table 2**Indoor Air Sampling Results - January 31, 2012**

Regional Occupational Program (ROP) - 12519 East Washington Blvd.

Samples ROP1 through ROP5 and ROP1 Split (Air Technology Laboratories)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations						Health Protective Screening Criteria			
	Indoor Building (ug/m ³)			Outdoor Air ³			Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴		ug/m ³		ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.11	U	0.19	U	0.18	U	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.14	U	0.24	U	0.23	U	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.69		0.94		0.57		130,000	nc	--	--
1,1,2-Trichloroethane	0.11	U	0.19	U	0.18	U	0.77	ca	--	--
1,1-Dichloroethane	0.14	U	0.81	U	0.14	U	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.17		0.24		0.067	U	880	nc	79	nc
1,2-Dichlorobenzene	0.20	U	0.60	U	0.20	U	880	nc	--	--
1,2-Dichloroethane	0.081	U	0.14	U	0.14	U	0.47	ca	--	--
1,4-Dichlorobenzene	0.20	U	0.40		0.20	U	1.1	ca	1,200	nc
Acetone	13		22		7.2		140,000	nc	31,000	nc
Benzene	0.92		1.8	J	0.66		1.6	ca	19	nc
Carbon Tetrachloride	0.50		0.58		0.52		2.0	ca	190	nc
Chlorobenzene	0.092	U	0.16	U	0.16	U	220	nc	--	--
Chloroform	0.17	U	0.34		0.17	U	0.53	ca	240	nc
cis-1,2-Dichloroethene	0.079	U	0.14	U	0.13	U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	0.099	U	2.7		2.5		880	nc	--	--
Ethylbenzene	0.41		1.6	J	0.26		4.9	ca	3,000	nc
m,p-Xylenes	1.5		5.3	J	0.85		3,100	nc	2,600	nc
Methyl tert-butyl ether	0.36	U	0.63	U	0.61	U	47	ca	2,500	nc
Methylene Chloride	1.2	U	7.3		1.2	U	26	ca	1,000	nc
o-Xylene	0.50		2.0	J	0.30		3,100	nc	2,600	nc
Tetrachloroethene (PCE)	1.1		1.7	J	0.23	U	2.1	ca	--	--
Toluene	2.8		7.4	J	1.8		22,000	nc	--	--
trans-1,2-Dichloroethene	0.40	U	0.69	U	0.67	U	260	nc	800	nc
trans-1,3-Dichloropropene	0.091	U	0.40	U	0.38	U	3.1	ca	36	nc
Trichloroethene (TCE)	0.14		0.14		0.18	U	6.1	ca	540	nc
Trichlorofluoromethane (Freon 11)	1.2		1.5		1.3		3,100	nc	--	--
Vinyl chloride	0.026	U	0.045	U	0.043	U	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed.

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:³ Maximum concentration detected at Ambient Air Sample AA8⁴ Maximum detected concentration.

Table 3**Indoor Air Sampling Results - January 31, 2012**

Fred R. Rippy - 12471 E. Washington Blvd.

FRR1 through FRR3 (and FRR1 Duplicate)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations				Health Protective Screening Criteria			
	Indoor Building (ug/m ³)		Outdoor Air ³		Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴	ug/m ³	ug/m ³	ug/m ³	Key	ug/m ³	Key
1,1,1-Trichloroethane (1,1,1-TCA)	0.18	U	0.18	U	0.18	U	22,000	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.23	U	0.23	U	0.23	U	0.21	ca
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.7		7.0		0.57		130,000	nc
1,1,2-Trichloroethane	0.18	U	0.18	U	0.18	U	0.77	ca
1,1-Dichloroethane	0.13	U	0.14	U	0.14	U	7.7	ca
1,1-Dichloroethene (1,1-DCE)	2.9		18		0.067	U	880	nc
1,2-Dichlorobenzene	0.20	U	0.20	U	0.20	U	880	nc
1,2-Dichloroethane	0.13	U	0.14	U	0.14	U	0.47	ca
1,4-Dichlorobenzene	5.0		14		0.20	U	1.1	ca
Acetone	15		23		7.2		140,000	nc
Benzene	1.2		1.5		0.66		1.6	ca
Carbon Tetrachloride	0.52		0.60		0.52		2.0	ca
Chlorobenzene	0.15	U	0.16	U	0.16	U	220	nc
Chloroform	0.18		0.38		0.17	U	0.53	ca
cis-1,2-Dichloroethene	0.13	U	0.13	U	0.13	U	--	--
Dichlorodifluoromethane (Freon 12)	2.4		2.5		2.5		880	nc
Ethylbenzene	0.69		0.85		0.26		4.9	ca
m,p-Xylenes	2.7		3.2		0.85		3,100	nc
Methyl tert-butyl ether	0.60	U	0.61	U	0.61	U	47	ca
Methylene Chloride	1.2	U	1.2	U	1.2	U	26	ca
o-Xylene	0.95		1.2		0.30		3,100	nc
Tetrachloroethene (PCE)	9.6		37		0.23	U	2.1	ca
Toluene	5.0		6.1		1.8		22,000	nc
trans-1,2-Dichloroethene	0.66	U	0.67	U	0.67	U	260	nc
trans-1,3-Dichloropropene	0.38	U	0.38	U	0.38	U	3.1	ca
Trichloroethene (TCE)	0.83		2.8		0.18	U	6.1	ca
Trichlorofluoromethane (Freon 11)	1.6		3.4		1.3		3,100	nc
Vinyl chloride	0.042	U	0.043	U	0.043	U	2.8	ca

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

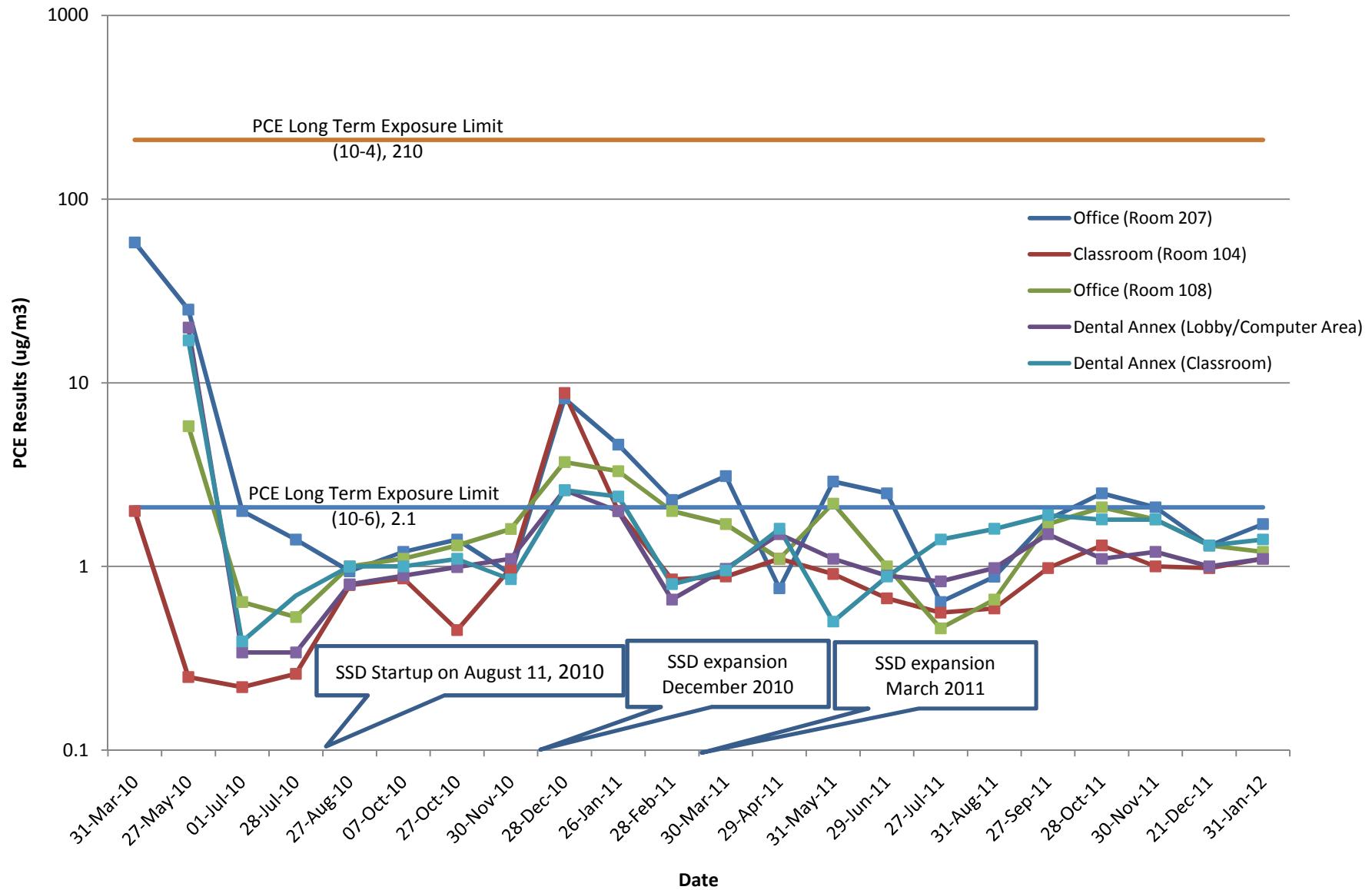
² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substance and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value multiplied by 1e-6

Sources:³ Maximum concentration detected at Ambient Air Sample AA⁴ Maximum detected concentration.

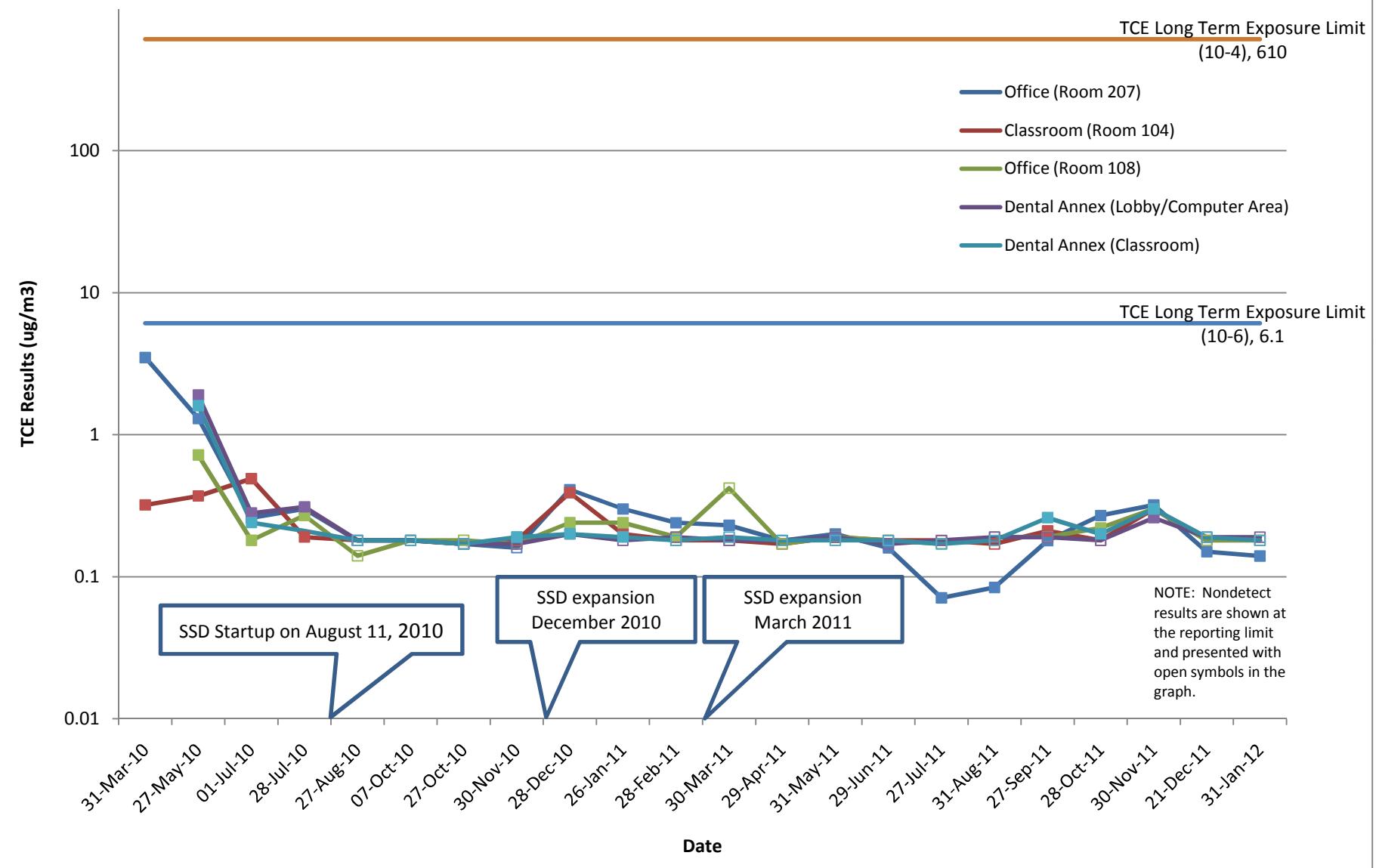
Attachment C: Graphs of TCE and PCE Concentrations

Tetrachloroethene (PCE) Results Regional Occupational Program Building



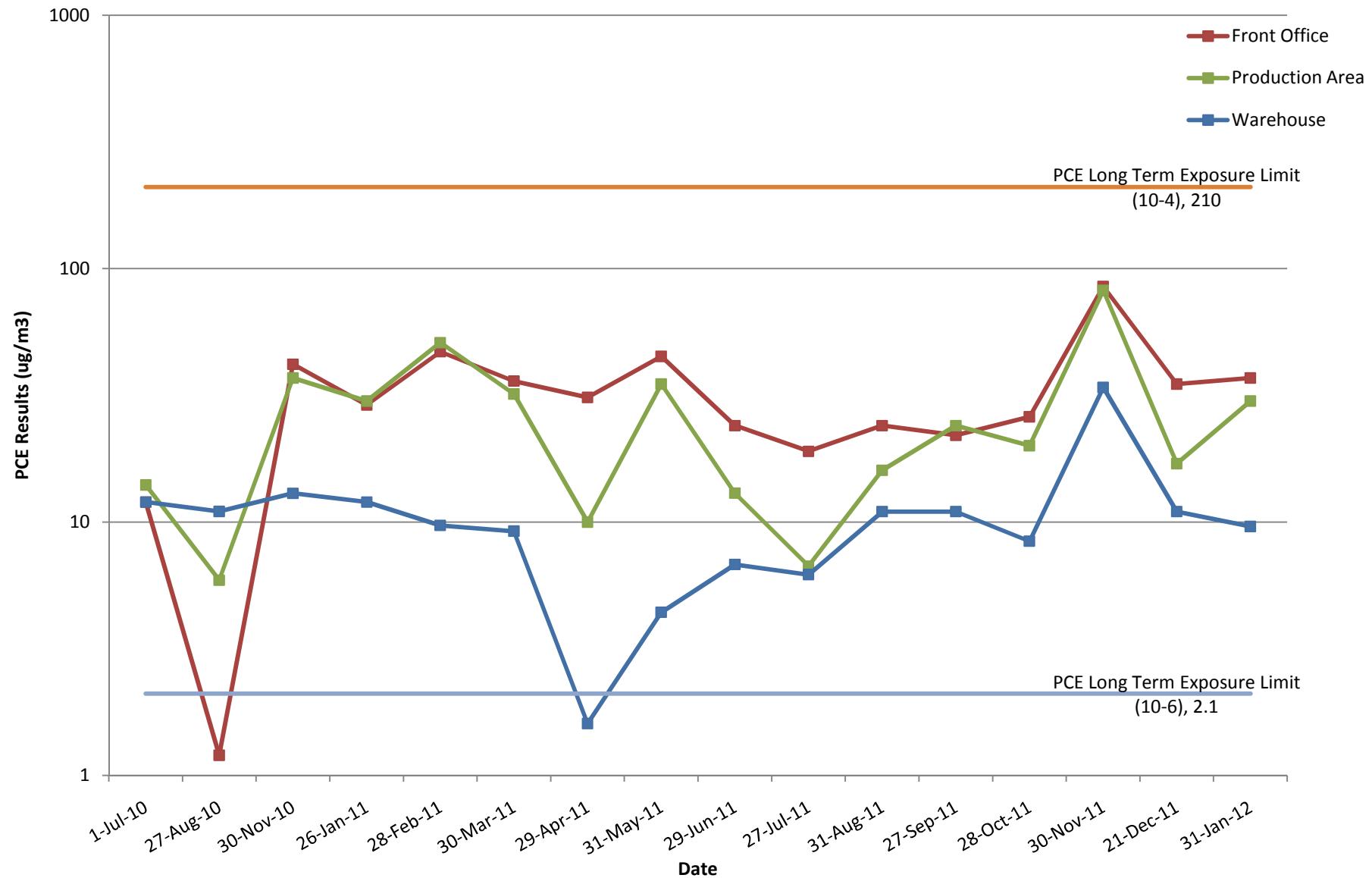
Trichloroethene (TCE) Results

Regional Occupational Program Building

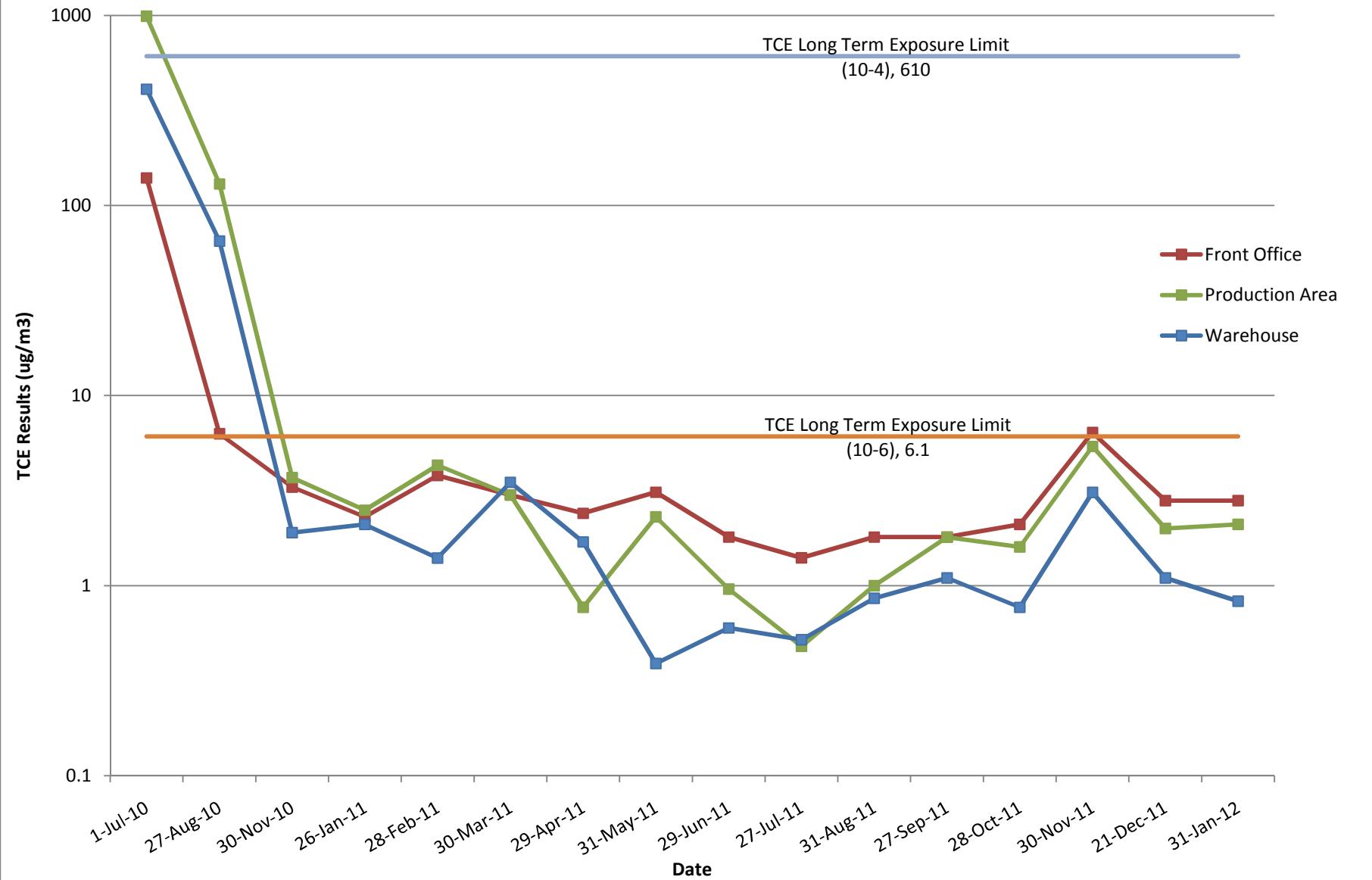


Tetrachloroethene (PCE) Results

Fred R. Rippy Building



Trichloroethene (TCE) Results Fred R. Rippy Building



Attachment D: Laboratory Reports and Data Validation Memo

2/15/2012

Ms. Sharon Wallin
CDM Smith Inc.
111 Academy Street
Suite 150
Irvine CA 92617

Project Name: Monthly Omega IAQ

Project #:

Workorder #: 1202074

Dear Ms. Sharon Wallin

The following report includes the data for the above referenced project for sample(s) received on 2/2/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori
Project Manager

WORK ORDER #: 1202074

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM Smith Inc. 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	10500-81846-AOC.IAQ
FAX:	949-725-3790	PROJECT #	Monthly Omega IAQ
DATE RECEIVED:	02/02/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	02/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IAQ-FRR1-013112	Modified TO-15 SIM	6.2 "Hg	5 psi
02A	IAQ-FRR1-013112-K	Modified TO-15 SIM	6.4 "Hg	5 psi
03A	IAQ-FRR2-013112	Modified TO-15 SIM	6.0 "Hg	5 psi
04A	IAQ-FRR3-013112	Modified TO-15 SIM	5.8 "Hg	5 psi
05A	IAQ-AA22-013112	Modified TO-15 SIM	7.2 "Hg	5 psi
06A	IAQ-AA16-013112	Modified TO-15 SIM	7.2 "Hg	5 psi
07A	IAQ-ROP1-013112	Modified TO-15 SIM	6.4 "Hg	5 psi
08A	IAQ-ROP2-013112	Modified TO-15 SIM	6.6 "Hg	5 psi
09A	IAQ-ROP3-013112	Modified TO-15 SIM	6.4 "Hg	5 psi
10A	IAQ-ROP4-013112	Modified TO-15 SIM	7.0 "Hg	5 psi
11A	IAQ-ROP5-013112	Modified TO-15 SIM	6.8 "Hg	5 psi
12A	IAQ-AA11-013112	Modified TO-15 SIM	6.8 "Hg	5 psi
13A	IAQ-AA13-013112	Modified TO-15 SIM	7.0 "Hg	5 psi
14A	IAQ-AA8-013112	Modified TO-15 SIM	6.4 "Hg	5 psi
15A	IAQ-AA1-013112	Modified TO-15 SIM	7.2 "Hg	5 psi
16A	Lab Blank	Modified TO-15 SIM	NA	NA
17A	CCV	Modified TO-15 SIM	NA	NA

Continued on next page

WORK ORDER #: 1202074

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM Smith Inc. 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	10500-81846-AOC.IAQ
FAX:	949-725-3790	PROJECT #	Monthly Omega IAQ
DATE RECEIVED:	02/02/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	02/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
18A	LCS	Modified TO-15 SIM	NA	NA
18AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY:



DATE: 02/15/12

Laboratory Director

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP - CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 SIM
CDM Smith Inc.
Workorder# 1202074**

Fifteen 6 Liter Summa Canister (SIM Certified) samples were received on February 02, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+ - 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Due to the linear calibration range of the instrument, the reporting limit for trans-1,3-Dichloropropene was raised from 0.02ppbv to 0.05ppbv.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-FRR1-013112

Lab ID#: 1202074-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.49	0.17	2.4
Freon 11	0.034	0.60	0.19	3.4
1,1-Dichloroethene	0.017	4.7	0.067	18
Freon 113	0.034	0.92	0.26	7.0
Chloroform	0.034	0.079	0.16	0.38
Carbon Tetrachloride	0.034	0.085	0.21	0.53
Benzene	0.084	0.46	0.27	1.5
Trichloroethene	0.034	0.52	0.18	2.8
Toluene	0.034	1.4	0.13	5.5
Tetrachloroethene	0.034	5.4	0.23	37
Ethyl Benzene	0.034	0.18	0.15	0.80
m,p-Xylene	0.068	0.66	0.29	2.9
o-Xylene	0.034	0.22	0.15	0.96
1,4-Dichlorobenzene	0.034	1.3	0.20	8.0
Acetone	0.84	9.4	2.0	22

Client Sample ID: IAQ-FRR1-013112-K

Lab ID#: 1202074-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Freon 11	0.034	0.59	0.19	3.3
1,1-Dichloroethene	0.017	4.6	0.067	18
Freon 113	0.034	0.90	0.26	6.9
Chloroform	0.034	0.078	0.17	0.38
Carbon Tetrachloride	0.034	0.083	0.21	0.52
Benzene	0.085	0.47	0.27	1.5
Trichloroethene	0.034	0.52	0.18	2.8
Toluene	0.034	1.5	0.13	5.6
Tetrachloroethene	0.034	5.2	0.23	36
Ethyl Benzene	0.034	0.18	0.15	0.78



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-FRR1-013112-K

Lab ID#: 1202074-02A

m,p-Xylene	0.068	0.65	0.30	2.8
o-Xylene	0.034	0.22	0.15	0.95
1,4-Dichlorobenzene	0.034	1.2	0.20	7.5
Acetone	0.85	9.7	2.0	23

Client Sample ID: IAQ-FRR2-013112

Lab ID#: 1202074-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Freon 11	0.034	0.40	0.19	2.3
1,1-Dichloroethene	0.017	2.6	0.067	10
Freon 113	0.034	0.42	0.26	3.2
Chloroform	0.034	0.053	0.16	0.26
Carbon Tetrachloride	0.034	0.095	0.21	0.60
Benzene	0.084	0.39	0.27	1.2
Trichloroethene	0.034	0.40	0.18	2.1
Toluene	0.034	1.6	0.13	6.1
Tetrachloroethylene	0.034	4.4	0.23	30
Ethyl Benzene	0.034	0.16	0.14	0.69
m,p-Xylene	0.067	0.62	0.29	2.7
o-Xylene	0.034	0.23	0.14	1.0
1,4-Dichlorobenzene	0.034	2.3	0.20	14
Acetone	0.84	6.4	2.0	15

Client Sample ID: IAQ-FRR3-013112

Lab ID#: 1202074-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.51	0.16	2.5
Freon 11	0.033	0.29	0.19	1.6
1,1-Dichloroethene	0.017	0.74	0.066	2.9
Freon 113	0.033	0.22	0.25	1.7



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-FRR3-013112

Lab ID#: 1202074-04A

Chloroform	0.033	0.037	0.16	0.18
Carbon Tetrachloride	0.033	0.096	0.21	0.60
Benzene	0.083	0.46	0.26	1.5
Trichloroethene	0.033	0.15	0.18	0.83
Toluene	0.033	1.3	0.12	5.0
Tetrachloroethene	0.033	1.4	0.22	9.6
Ethyl Benzene	0.033	0.20	0.14	0.85
m,p-Xylene	0.066	0.74	0.29	3.2
o-Xylene	0.033	0.28	0.14	1.2
1,4-Dichlorobenzene	0.033	0.84	0.20	5.0
Acetone	0.83	6.4	2.0	15

Client Sample ID: IAQ-AA22-013112

Lab ID#: 1202074-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.49	0.17	2.4
Freon 11	0.035	0.23	0.20	1.3
1,1-Dichloroethene	0.018	0.077	0.070	0.30
Freon 113	0.035	0.11	0.27	0.84
Carbon Tetrachloride	0.035	0.094	0.22	0.60
Benzene	0.088	0.30	0.28	0.98
Toluene	0.035	0.79	0.13	3.0
Tetrachloroethene	0.035	0.32	0.24	2.1
Ethyl Benzene	0.035	0.10	0.15	0.44
m,p-Xylene	0.070	0.38	0.30	1.6
o-Xylene	0.035	0.13	0.15	0.55
Acetone	0.88	4.4	2.1	10

Client Sample ID: IAQ-AA16-013112

Lab ID#: 1202074-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
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Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-AA16-013112

Lab ID#: 1202074-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.51	0.17	2.5
Freon 11	0.035	0.23	0.20	1.3
1,1-Dichloroethene	0.018	0.059	0.070	0.23
Freon 113	0.035	0.10	0.27	0.81
Carbon Tetrachloride	0.035	0.082	0.22	0.52
Benzene	0.088	0.30	0.28	0.97
Toluene	0.035	0.79	0.13	3.0
Tetrachloroethene	0.035	0.24	0.24	1.6
Ethyl Benzene	0.035	0.099	0.15	0.43
m,p-Xylene	0.070	0.36	0.30	1.6
o-Xylene	0.035	0.12	0.15	0.54
Acetone	0.88	4.2	2.1	10

Client Sample ID: IAQ-ROP1-013112

Lab ID#: 1202074-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.52	0.17	2.6
Freon 11	0.034	0.23	0.19	1.3
1,1-Dichloroethene	0.017	0.055	0.067	0.22
Freon 113	0.034	0.11	0.26	0.83
Carbon Tetrachloride	0.034	0.081	0.21	0.51
Benzene	0.085	0.39	0.27	1.2
Toluene	0.034	1.3	0.13	4.8
Tetrachloroethene	0.034	0.19	0.23	1.3
Ethyl Benzene	0.034	0.18	0.15	0.77
m,p-Xylene	0.068	0.59	0.30	2.6
o-Xylene	0.034	0.20	0.15	0.86
Acetone	0.85	9.4	2.0	22
Methylene Chloride	0.34	1.8	1.2	6.3



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-ROP2-013112

Lab ID#: 1202074-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.51	0.17	2.5
Freon 11	0.034	0.22	0.19	1.2
1,1-Dichloroethene	0.017	0.044	0.068	0.18
Freon 113	0.034	0.090	0.26	0.69
Carbon Tetrachloride	0.034	0.080	0.22	0.50
Benzene	0.086	0.29	0.27	0.92
Toluene	0.034	0.73	0.13	2.8
Tetrachloroethene	0.034	0.17	0.23	1.1
Ethyl Benzene	0.034	0.095	0.15	0.41
m,p-Xylene	0.069	0.34	0.30	1.5
o-Xylene	0.034	0.11	0.15	0.50
Acetone	0.86	5.8	2.0	14

Client Sample ID: IAQ-ROP3-013112

Lab ID#: 1202074-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.51	0.17	2.5
Freon 11	0.034	0.23	0.19	1.3
1,1-Dichloroethene	0.017	0.052	0.067	0.21
Freon 113	0.034	0.10	0.26	0.78
Carbon Tetrachloride	0.034	0.082	0.21	0.52
Benzene	0.085	0.36	0.27	1.1
Toluene	0.034	1.1	0.13	4.2
Tetrachloroethene	0.034	0.18	0.23	1.2
Ethyl Benzene	0.034	0.15	0.15	0.66
m,p-Xylene	0.068	0.50	0.30	2.2
o-Xylene	0.034	0.16	0.15	0.71
1,4-Dichlorobenzene	0.034	0.033 J	0.20	0.20 J
Acetone	0.85	9.0	2.0	22
Methylene Chloride	0.34	0.50	1.2	1.7



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-ROP4-013112

Lab ID#: 1202074-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.53	0.17	2.6
Freon 11	0.035	0.23	0.20	1.3
1,1-Dichloroethene	0.018	0.044	0.069	0.17
Freon 113	0.035	0.095	0.27	0.73
Carbon Tetrachloride	0.035	0.086	0.22	0.54
Benzene	0.088	0.34	0.28	1.1
Toluene	0.035	0.77	0.13	2.9
Tetrachloroethene	0.035	0.16	0.24	1.1
Ethyl Benzene	0.035	0.10	0.15	0.44
m,p-Xylene	0.070	0.35	0.30	1.5
o-Xylene	0.035	0.13	0.15	0.58
Acetone	0.88	5.6	2.1	13

Client Sample ID: IAQ-ROP5-013112

Lab ID#: 1202074-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.54	0.17	2.7
Freon 11	0.035	0.24	0.19	1.3
1,1-Dichloroethene	0.017	0.048	0.068	0.19
Freon 113	0.035	0.10	0.26	0.79
Chloroform	0.035	0.070	0.17	0.34
Carbon Tetrachloride	0.035	0.090	0.22	0.57
Benzene	0.086	0.35	0.28	1.1
Toluene	0.035	0.98	0.13	3.7
Tetrachloroethene	0.035	0.21	0.23	1.4
Ethyl Benzene	0.035	0.13	0.15	0.56
m,p-Xylene	0.069	0.46	0.30	2.0
o-Xylene	0.035	0.16	0.15	0.68
Acetone	0.86	5.4	2.0	13



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-AA11-013112

Lab ID#: 1202074-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.51	0.17	2.5
Freon 11	0.035	0.22	0.19	1.2
1,1-Dichloroethene	0.017	0.024	0.068	0.096
Freon 113	0.035	0.093	0.26	0.72
Carbon Tetrachloride	0.035	0.095	0.22	0.60
Benzene	0.086	0.25	0.28	0.79
Toluene	0.035	0.99	0.13	3.7
Tetrachloroethene	0.035	0.091	0.23	0.62
Ethyl Benzene	0.035	0.086	0.15	0.37
m,p-Xylene	0.069	0.25	0.30	1.1
o-Xylene	0.035	0.090	0.15	0.39
Acetone	0.86	3.8	2.0	9.0

Client Sample ID: IAQ-AA13-013112

Lab ID#: 1202074-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.55	0.17	2.7
Freon 11	0.035	0.24	0.20	1.4
1,1-Dichloroethene	0.018	0.027	0.069	0.11
Freon 113	0.035	0.098	0.27	0.75
Carbon Tetrachloride	0.035	0.088	0.22	0.56
Benzene	0.088	0.24	0.28	0.75
Toluene	0.035	0.49	0.13	1.8
Tetrachloroethene	0.035	0.11	0.24	0.72
Ethyl Benzene	0.035	0.062	0.15	0.27
m,p-Xylene	0.070	0.21	0.30	0.90
o-Xylene	0.035	0.077	0.15	0.34
Acetone	0.88	2.8	2.1	6.6



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-AA8-013112

Lab ID#: 1202074-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Freon 11	0.034	0.22	0.19	1.3
Freon 113	0.034	0.074	0.26	0.57
Carbon Tetrachloride	0.034	0.082	0.21	0.52
Benzene	0.085	0.21	0.27	0.66
Toluene	0.034	0.47	0.13	1.8
Ethyl Benzene	0.034	0.059	0.15	0.26
m,p-Xylene	0.068	0.20	0.30	0.85
o-Xylene	0.034	0.068	0.15	0.30
Acetone	0.85	3.0	2.0	7.2

Client Sample ID: IAQ-AA1-013112

Lab ID#: 1202074-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.47	0.17	2.3
Freon 11	0.035	0.22	0.20	1.2
Freon 113	0.035	0.073	0.27	0.56
Carbon Tetrachloride	0.035	0.079	0.22	0.50
Benzene	0.088	0.81	0.28	2.6
Toluene	0.035	4.3	0.13	16
Ethyl Benzene	0.035	0.50	0.15	2.2
m,p-Xylene	0.070	2.1	0.30	9.0
o-Xylene	0.035	0.63	0.15	2.7
Acetone	0.88	3.3	2.1	7.9



Client Sample ID: IAQ-FRR1-013112

Lab ID#: 1202074-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020712	Date of Collection:	1/31/12 7:02:00 AM	
Dil. Factor:	1.69	Date of Analysis:	2/8/12 09:37 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.49	0.17	2.4
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.60	0.19	3.4
1,1-Dichloroethene	0.017	4.7	0.067	18
Freon 113	0.034	0.92	0.26	7.0
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.079	0.16	0.38
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.085	0.21	0.53
Benzene	0.084	0.46	0.27	1.5
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.52	0.18	2.8
trans-1,3-Dichloropropene	0.084	Not Detected	0.38	Not Detected
Toluene	0.034	1.4	0.13	5.5
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	5.4	0.23	37
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.18	0.15	0.80
m,p-Xylene	0.068	0.66	0.29	2.9
o-Xylene	0.034	0.22	0.15	0.96
1,4-Dichlorobenzene	0.034	1.3	0.20	8.0
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.84	9.4	2.0	22
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	104	70-130



Client Sample ID: IAQ-FRR1-013112-K

Lab ID#: 1202074-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020713	Date of Collection:	1/31/12 7:03:00 AM	
Dil. Factor:	1.70	Date of Analysis:	2/8/12 10:18 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.59	0.19	3.3
1,1-Dichloroethene	0.017	4.6	0.067	18
Freon 113	0.034	0.90	0.26	6.9
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.078	0.17	0.38
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.083	0.21	0.52
Benzene	0.085	0.47	0.27	1.5
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.52	0.18	2.8
trans-1,3-Dichloropropene	0.085	Not Detected	0.38	Not Detected
Toluene	0.034	1.5	0.13	5.6
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	5.2	0.23	36
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.18	0.15	0.78
m,p-Xylene	0.068	0.65	0.30	2.8
o-Xylene	0.034	0.22	0.15	0.95
1,4-Dichlorobenzene	0.034	1.2	0.20	7.5
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.85	9.7	2.0	23
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: IAQ-FRR2-013112

Lab ID#: 1202074-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020714	Date of Collection:	1/31/12 7:05:00 AM	
Dil. Factor:	1.68	Date of Analysis:	2/8/12 10:53 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.40	0.19	2.3
1,1-Dichloroethene	0.017	2.6	0.067	10
Freon 113	0.034	0.42	0.26	3.2
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.053	0.16	0.26
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.095	0.21	0.60
Benzene	0.084	0.39	0.27	1.2
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.40	0.18	2.1
trans-1,3-Dichloropropene	0.084	Not Detected	0.38	Not Detected
Toluene	0.034	1.6	0.13	6.1
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	4.4	0.23	30
Chlorobenzene	0.034	Not Detected	0.15	Not Detected
Ethyl Benzene	0.034	0.16	0.14	0.69
m,p-Xylene	0.067	0.62	0.29	2.7
o-Xylene	0.034	0.23	0.14	1.0
1,4-Dichlorobenzene	0.034	2.3	0.20	14
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.84	6.4	2.0	15
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	105	70-130



Client Sample ID: IAQ-FRR3-013112

Lab ID#: 1202074-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020715	Date of Collection:	1/31/12 7:06:00 AM	
Dil. Factor:	1.66	Date of Analysis:	2/8/12 11:33 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.51	0.16	2.5
Vinyl Chloride	0.017	Not Detected	0.042	Not Detected
Freon 11	0.033	0.29	0.19	1.6
1,1-Dichloroethene	0.017	0.74	0.066	2.9
Freon 113	0.033	0.22	0.25	1.7
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.037	0.16	0.18
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.096	0.21	0.60
Benzene	0.083	0.46	0.26	1.5
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	0.15	0.18	0.83
trans-1,3-Dichloropropene	0.083	Not Detected	0.38	Not Detected
Toluene	0.033	1.3	0.12	5.0
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	1.4	0.22	9.6
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.20	0.14	0.85
m,p-Xylene	0.066	0.74	0.29	3.2
o-Xylene	0.033	0.28	0.14	1.2
1,4-Dichlorobenzene	0.033	0.84	0.20	5.0
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Acetone	0.83	6.4	2.0	15
Methylene Chloride	0.33	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: IAQ-AA22-013112

Lab ID#: 1202074-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020716	Date of Collection:	1/31/12 7:10:00 AM	
Dil. Factor:	1.76	Date of Analysis:	2/8/12 12:06 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.49	0.17	2.4
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.23	0.20	1.3
1,1-Dichloroethene	0.018	0.077	0.070	0.30
Freon 113	0.035	0.11	0.27	0.84
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.094	0.22	0.60
Benzene	0.088	0.30	0.28	0.98
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.035	0.79	0.13	3.0
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.32	0.24	2.1
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.10	0.15	0.44
m,p-Xylene	0.070	0.38	0.30	1.6
o-Xylene	0.035	0.13	0.15	0.55
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.70	Not Detected
Acetone	0.88	4.4	2.1	10
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	97	70-130



Client Sample ID: IAQ-AA16-013112

Lab ID#: 1202074-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020717	Date of Collection:	1/31/12 7:15:00 AM	
Dil. Factor:	1.76	Date of Analysis:	2/8/12 01:06 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.51	0.17	2.5
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.23	0.20	1.3
1,1-Dichloroethene	0.018	0.059	0.070	0.23
Freon 113	0.035	0.10	0.27	0.81
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.082	0.22	0.52
Benzene	0.088	0.30	0.28	0.97
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.035	0.79	0.13	3.0
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.24	0.24	1.6
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.099	0.15	0.43
m,p-Xylene	0.070	0.36	0.30	1.6
o-Xylene	0.035	0.12	0.15	0.54
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.70	Not Detected
Acetone	0.88	4.2	2.1	10
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130



Client Sample ID: IAQ-ROP1-013112

Lab ID#: 1202074-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020718	Date of Collection:	1/31/12 7:42:00 AM	
Dil. Factor:	1.70	Date of Analysis:	2/8/12 01:46 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.52	0.17	2.6
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.23	0.19	1.3
1,1-Dichloroethene	0.017	0.055	0.067	0.22
Freon 113	0.034	0.11	0.26	0.83
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.081	0.21	0.51
Benzene	0.085	0.39	0.27	1.2
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.085	Not Detected	0.38	Not Detected
Toluene	0.034	1.3	0.13	4.8
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.19	0.23	1.3
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.18	0.15	0.77
m,p-Xylene	0.068	0.59	0.30	2.6
o-Xylene	0.034	0.20	0.15	0.86
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.85	9.4	2.0	22
Methylene Chloride	0.34	1.8	1.2	6.3
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130



Client Sample ID: IAQ-ROP2-013112

Lab ID#: 1202074-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020719	Date of Collection:	1/31/12 7:47:00 AM	
Dil. Factor:	1.72	Date of Analysis:	2/8/12 02:20 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.51	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	0.22	0.19	1.2
1,1-Dichloroethene	0.017	0.044	0.068	0.18
Freon 113	0.034	0.090	0.26	0.69
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.034	0.080	0.22	0.50
Benzene	0.086	0.29	0.27	0.92
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.086	Not Detected	0.39	Not Detected
Toluene	0.034	0.73	0.13	2.8
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.17	0.23	1.1
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.095	0.15	0.41
m,p-Xylene	0.069	0.34	0.30	1.5
o-Xylene	0.034	0.11	0.15	0.50
1,4-Dichlorobenzene	0.034	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	5.8	2.0	14
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130



Client Sample ID: IAQ-ROP3-013112

Lab ID#: 1202074-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020720	Date of Collection: 1/31/12 7:45:00 AM		
Dil. Factor:	1.70	Date of Analysis: 2/8/12 02:57 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.51	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.23	0.19	1.3
1,1-Dichloroethene	0.017	0.052	0.067	0.21
Freon 113	0.034	0.10	0.26	0.78
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.082	0.21	0.52
Benzene	0.085	0.36	0.27	1.1
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.085	Not Detected	0.38	Not Detected
Toluene	0.034	1.1	0.13	4.2
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.18	0.23	1.2
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.15	0.15	0.66
m,p-Xylene	0.068	0.50	0.30	2.2
o-Xylene	0.034	0.16	0.15	0.71
1,4-Dichlorobenzene	0.034	0.033 J	0.20	0.20 J
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.85	9.0	2.0	22
Methylene Chloride	0.34	0.50	1.2	1.7
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130



Client Sample ID: IAQ-ROP4-013112

Lab ID#: 1202074-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020721	Date of Collection:	1/31/12 7:52:00 AM	
Dil. Factor:	1.75	Date of Analysis:	2/8/12 03:31 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.53	0.17	2.6
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.23	0.20	1.3
1,1-Dichloroethene	0.018	0.044	0.069	0.17
Freon 113	0.035	0.095	0.27	0.73
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.086	0.22	0.54
Benzene	0.088	0.34	0.28	1.1
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.035	0.77	0.13	2.9
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.16	0.24	1.1
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.10	0.15	0.44
m,p-Xylene	0.070	0.35	0.30	1.5
o-Xylene	0.035	0.13	0.15	0.58
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	5.6	2.1	13
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	104	70-130



Client Sample ID: IAQ-ROP5-013112

Lab ID#: 1202074-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020722	Date of Collection:	1/31/12 7:50:00 AM	
Dil. Factor:	1.73	Date of Analysis:	2/8/12 04:16 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.54	0.17	2.7
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.035	0.24	0.19	1.3
1,1-Dichloroethene	0.017	0.048	0.068	0.19
Freon 113	0.035	0.10	0.26	0.79
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.070	0.17	0.34
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.090	0.22	0.57
Benzene	0.086	0.35	0.28	1.1
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.086	Not Detected	0.39	Not Detected
Toluene	0.035	0.98	0.13	3.7
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.21	0.23	1.4
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.13	0.15	0.56
m,p-Xylene	0.069	0.46	0.30	2.0
o-Xylene	0.035	0.16	0.15	0.68
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	5.4	2.0	13
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	100	70-130



Client Sample ID: IAQ-AA11-013112

Lab ID#: 1202074-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020723	Date of Collection:	1/31/12 7:56:00 AM	
Dil. Factor:	1.73	Date of Analysis:	2/8/12 04:54 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.51	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.035	0.22	0.19	1.2
1,1-Dichloroethene	0.017	0.024	0.068	0.096
Freon 113	0.035	0.093	0.26	0.72
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.095	0.22	0.60
Benzene	0.086	0.25	0.28	0.79
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.086	Not Detected	0.39	Not Detected
Toluene	0.035	0.99	0.13	3.7
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.091	0.23	0.62
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.086	0.15	0.37
m,p-Xylene	0.069	0.25	0.30	1.1
o-Xylene	0.035	0.090	0.15	0.39
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	3.8	2.0	9.0
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	99	70-130



Client Sample ID: IAQ-AA13-013112

Lab ID#: 1202074-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020724	Date of Collection:	1/31/12 7:58:00 AM	
Dil. Factor:	1.75	Date of Analysis:	2/8/12 05:32 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.55	0.17	2.7
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.24	0.20	1.4
1,1-Dichloroethene	0.018	0.027	0.069	0.11
Freon 113	0.035	0.098	0.27	0.75
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.088	0.22	0.56
Benzene	0.088	0.24	0.28	0.75
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.035	0.49	0.13	1.8
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.11	0.24	0.72
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.062	0.15	0.27
m,p-Xylene	0.070	0.21	0.30	0.90
o-Xylene	0.035	0.077	0.15	0.34
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	2.8	2.1	6.6
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	97	70-130



Client Sample ID: IAQ-AA8-013112

Lab ID#: 1202074-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020725	Date of Collection:	1/31/12 8:07:00 AM	
Dil. Factor:	1.70	Date of Analysis:	2/8/12 06:17 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.22	0.19	1.3
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
Freon 113	0.034	0.074	0.26	0.57
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.082	0.21	0.52
Benzene	0.085	0.21	0.27	0.66
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.085	Not Detected	0.38	Not Detected
Toluene	0.034	0.47	0.13	1.8
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	Not Detected	0.23	Not Detected
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.059	0.15	0.26
m,p-Xylene	0.068	0.20	0.30	0.85
o-Xylene	0.034	0.068	0.15	0.30
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.85	3.0	2.0	7.2
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	95	70-130



Client Sample ID: IAQ-AA1-013112

Lab ID#: 1202074-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020726	Date of Collection:	1/31/12 8:12:00 AM	
Dil. Factor:	1.76	Date of Analysis:	2/8/12 07:20 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.47	0.17	2.3
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.22	0.20	1.2
1,1-Dichloroethene	0.018	Not Detected	0.070	Not Detected
Freon 113	0.035	0.073	0.27	0.56
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.079	0.22	0.50
Benzene	0.088	0.81	0.28	2.6
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.035	4.3	0.13	16
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	Not Detected	0.24	Not Detected
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.50	0.15	2.2
m,p-Xylene	0.070	2.1	0.30	9.0
o-Xylene	0.035	0.63	0.15	2.7
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.70	Not Detected
Acetone	0.88	3.3	2.1	7.9
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	98	70-130



Client Sample ID: Lab Blank

Lab ID#: 1202074-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020711	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	2/8/12 08:48 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.050	Not Detected	0.23	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130



Client Sample ID: CCV

Lab ID#: 1202074-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020706	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/7/12 09:12 PM

Compound	%Recovery
Freon 12	98
Vinyl Chloride	97
Freon 11	95
1,1-Dichloroethene	99
Freon 113	94
1,1-Dichloroethane	93
cis-1,2-Dichloroethene	97
Chloroform	92
1,1,1-Trichloroethane	96
Carbon Tetrachloride	108
Benzene	89
1,2-Dichloroethane	109
Trichloroethene	84
trans-1,3-Dichloropropene	82
Toluene	88
1,1,2-Trichloroethane	89
Tetrachloroethene	92
Chlorobenzene	93
Ethyl Benzene	92
m,p-Xylene	92
o-Xylene	91
1,4-Dichlorobenzene	89
1,2-Dichlorobenzene	96
trans-1,2-Dichloroethene	97
Acetone	110
Methylene Chloride	89
Methyl tert-butyl ether	86
1,1,2,2-Tetrachloroethane	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130



Client Sample ID: LCS

Lab ID#: 1202074-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020707	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/7/12 10:09 PM

Compound	%Recovery
Freon 12	115
Vinyl Chloride	108
Freon 11	107
1,1-Dichloroethene	114
Freon 113	107
1,1-Dichloroethane	102
cis-1,2-Dichloroethene	101
Chloroform	103
1,1,1-Trichloroethane	110
Carbon Tetrachloride	96
Benzene	104
1,2-Dichloroethane	123
Trichloroethene	99
trans-1,3-Dichloropropene	88
Toluene	101
1,1,2-Trichloroethane	100
Tetrachloroethene	106
Chlorobenzene	108
Ethyl Benzene	107
m,p-Xylene	112
o-Xylene	102
1,4-Dichlorobenzene	103
1,2-Dichlorobenzene	99
trans-1,2-Dichloroethene	118
Acetone	106
Methylene Chloride	94
Methyl tert-butyl ether	90
1,1,2,2-Tetrachloroethane	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: LCSD

Lab ID#: 1202074-18AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c020708	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/7/12 10:49 PM

Compound	%Recovery
Freon 12	109
Vinyl Chloride	105
Freon 11	113
1,1-Dichloroethene	124
Freon 113	115
1,1-Dichloroethane	111
cis-1,2-Dichloroethene	114
Chloroform	111
1,1,1-Trichloroethane	117
Carbon Tetrachloride	101
Benzene	103
1,2-Dichloroethane	127
Trichloroethene	99
trans-1,3-Dichloropropene	96
Toluene	99
1,1,2-Trichloroethane	105
Tetrachloroethene	108
Chlorobenzene	108
Ethyl Benzene	107
m,p-Xylene	110
o-Xylene	100
1,4-Dichlorobenzene	101
1,2-Dichlorobenzene	98
trans-1,2-Dichloroethene	131
Acetone	131
Methylene Chloride	102
Methyl tert-butyl ether	99
1,1,2,2-Tetrachloroethane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130

February 15, 2012



FL Cert E8784/LA Cert 04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
RSK-175
TX Cert T104704450-09-TX
EPA Methods TO14A, TO15

CDM Smith
ATTN: Sharon Wallin
111 Academy, Suite 150
Irvine, CA 92617

LABORATORY TEST RESULTS

Project Reference: Omega Chemical; 10500-81846
Lab Number: D020203-01

Enclosed are results for sample(s) received 2/02/12 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- The enclosed results relate only to the sample(s).

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,



Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.



TECHNOLOGY
Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

Project No.: 10500 - 31244 **Project Name:** Omega 1A B

<input type="checkbox"/> 24 hours <input type="checkbox"/> 96 hours <input type="checkbox"/> Other:	<input type="checkbox"/> LEVEL 3 <input type="checkbox"/> LEVEL 4	<input type="checkbox"/> Inact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
---	---	--

ANALYSIS REQUEST		BILLING	
Report To:	Sharon Wallin	P.O. No.:	
Company:	CDM Smith	Bill to:	
Street:	111 Academy St., 150		
City/State/Zip:	Winecia, GA 30261-17		
Phone & Fax:	404-752-5452		
e-mail:	WallinSF@cdmsmith.com		

CHAIN OF CUSTODY RECORD

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

Project No.: 10500 - 31244 **Project Name:** Omega 1A B

<input type="checkbox"/> 24 hours <input type="checkbox"/> 96 hours <input type="checkbox"/> Other:	<input type="checkbox"/> LEVEL 3 <input type="checkbox"/> LEVEL 4	<input type="checkbox"/> Inact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
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ANALYSIS REQUEST		BILLING	
Report To:	Sharon Wallin	P.O. No.:	
Company:	CDM Smith	Bill to:	
Street:	111 Academy St., 150		
City/State/Zip:	Winecia, GA 30261-17		
Phone & Fax:	404-752-5452		
e-mail:	WallinSF@cdmsmith.com		

SAMPLE IDENTIFICATION

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: H=HCL N=None / Container: B=Bag C=Can V=VOA O=Other Rev. 03 - 5/7/09

**EPA TO15
SIM Mode**

Page 2 of 6
D020203

Lab Sample: D020203-01 **Date Collected:** 01/31/12
Client Sample: IAQ-ROP1-013112-K2 **Date Received:** 02/02/12
Project Name: Omega IAQ **QC Batch:** 120207MS2A1
Project #: 10500-81846 **Sample Type:** SA

Analyte	Result ppbv	RL ppbv	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	ND	0.020	02/07/12	1.0
Vinyl Chloride	ND	0.010	02/07/12	1.0
Trichlorofluoromethane (11)	0.27	0.020	02/07/12	1.0
1,1,2-Cl 1,2,2-F ethane (113)	0.12	0.020	02/07/12	1.0
Acetone	8.7	5.0	02/07/12	10
1,1-Dichloroethene	0.062	0.010	02/07/12	1.0
Methylene Chloride	2.1	0.20	02/07/12	1.0
t-Butyl Methyl Ether (MTBE)	ND	0.10	02/07/12	1.0
t-1,2-Dichloroethene	ND	0.10	02/07/12	1.0
1,1-Dichloroethane	ND	0.20	02/07/12	1.0
c-1,2-Dichloroethene	ND	0.020	02/07/12	1.0
Chloroform	0.047	0.020	02/07/12	1.0
1,1,1-Trichloroethane	ND	0.020	02/07/12	1.0
Carbon Tetrachloride	0.092	0.020	02/07/12	1.0
Benzene	0.55	0.050	02/07/12	1.0
1,2-Dichloroethane	ND	0.020	02/07/12	1.0
Trichloroethene	0.026	0.0030	02/07/12	1.0
Toluene	2.0	0.020	02/07/12	1.0
t-1,3-Dichloropropene	ND	0.020	02/07/12	1.0
1,1,2-Trichloroethane	ND	0.020	02/07/12	1.0
Tetrachloroethene	0.25	0.020	02/07/12	1.0
Chlorobenzene	ND	0.020	02/07/12	1.0
Ethylbenzene	0.36	0.020	02/07/12	1.0
p,&m-Xylene	1.2	0.060	02/07/12	1.0
o-Xylene	0.45	0.060	02/07/12	1.0
1,1,2,2-Tetrachloroethane	ND	0.020	02/07/12	1.0
1,4-Dichlorobenzene	0.067	0.020	02/07/12	1.0
1,2-Dichlorobenzene	ND	0.10	02/07/12	1.0

RL = Reporting Limit

ND = Not detected above RL

The cover letter is an integral part of this report



Air TECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

**EPA TO15
SIM Mode**

Page 3 of 6
D020203

Lab Sample: METHOD BLANK **Date Collected:** -
Client Sample: - **Date Received:** -
Project Name: - **QC Batch:** 120207MS2A1
Project #: - **Sample Type:** SA

Analyte	Result ppbv	RL ppbv	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	ND	0.020	02/07/12	1.0
Vinyl Chloride	ND	0.010	02/07/12	1.0
Trichlorofluoromethane (11)	ND	0.020	02/07/12	1.0
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.020	02/07/12	1.0
Acetone	ND	1.9	02/07/12	3.8
1,1-Dichloroethene	ND	0.010	02/07/12	1.0
Methylene Chloride	ND	0.20	02/07/12	1.0
t-Butyl Methyl Ether (MTBE)	ND	0.10	02/07/12	1.0
t-1,2-Dichloroethene	ND	0.10	02/07/12	1.0
1,1-Dichloroethane	ND	0.20	02/07/12	1.0
c-1,2-Dichloroethene	ND	0.020	02/07/12	1.0
Chloroform	ND	0.020	02/07/12	1.0
1,1,1-Trichloroethane	ND	0.020	02/07/12	1.0
Carbon Tetrachloride	ND	0.020	02/07/12	1.0
Benzene	ND	0.050	02/07/12	1.0
1,2-Dichloroethane	ND	0.020	02/07/12	1.0
Trichloroethene	ND	0.0030	02/07/12	1.0
Toluene	ND	0.020	02/07/12	1.0
t-1,3-Dichloropropene	ND	0.020	02/07/12	1.0
1,1,2-Trichloroethane	ND	0.020	02/07/12	1.0
Tetrachloroethene	ND	0.020	02/07/12	1.0
Chlorobenzene	ND	0.020	02/07/12	1.0
Ethylbenzene	ND	0.020	02/07/12	1.0
p,&m-Xylene	ND	0.060	02/07/12	1.0
o-Xylene	ND	0.060	02/07/12	1.0
1,1,2,2-Tetrachloroethane	ND	0.020	02/07/12	1.0
1,4-Dichlorobenzene	ND	0.020	02/07/12	1.0
1,2-Dichlorobenzene	ND	0.10	02/07/12	1.0

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**EPA TO15
SIM Mode**

Page 4 of 6
D020203

Lab Sample: D020203-01 **Date Collected:** 01/31/12
Client Sample: IAQ-ROP1-013112-K2 **Date Received:** 02/02/12
Project Name: Omega IAQ **QC Batch:** 120207MS2A1
Project #: 10500-81846 **Sample Type:** SA

Analyte	Result ug/m3	RL ug/m3	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	ND	0.099	02/07/12	1.0
Vinyl Chloride	ND	0.026	02/07/12	1.0
Trichlorofluoromethane (11)	1.5	0.11	02/07/12	1.0
1,1,2-Cl 1,2,2-F ethane (113)	0.94	0.15	02/07/12	1.0
Acetone	21	12	02/07/12	10
1,1-Dichloroethene	0.24	0.040	02/07/12	1.0
Methylene Chloride	7.3	0.69	02/07/12	1.0
t-Butyl Methyl Ether (MTBE)	ND	0.36	02/07/12	1.0
t-1,2-Dichloroethene	ND	0.40	02/07/12	1.0
1,1-Dichloroethane	ND	0.81	02/07/12	1.0
c-1,2-Dichloroethene	ND	0.079	02/07/12	1.0
Chloroform	0.23	0.098	02/07/12	1.0
1,1,1-Trichloroethane	ND	0.11	02/07/12	1.0
Carbon Tetrachloride	0.58	0.13	02/07/12	1.0
Benzene	1.8	0.16	02/07/12	1.0
1,2-Dichloroethane	ND	0.081	02/07/12	1.0
Trichloroethene	0.14	0.016	02/07/12	1.0
Toluene	7.4	0.075	02/07/12	1.0
t-1,3-Dichloropropene	ND	0.091	02/07/12	1.0
1,1,2-Trichloroethane	ND	0.11	02/07/12	1.0
Tetrachloroethene	1.7	0.14	02/07/12	1.0
Chlorobenzene	ND	0.092	02/07/12	1.0
Ethylbenzene	1.6	0.087	02/07/12	1.0
p,&m-Xylene	5.3	0.26	02/07/12	1.0
o-Xylene	2.0	0.26	02/07/12	1.0
1,1,2,2-Tetrachloroethane	ND	0.14	02/07/12	1.0
1,4-Dichlorobenzene	0.40	0.12	02/07/12	1.0
1,2-Dichlorobenzene	ND	0.60	02/07/12	1.0

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**EPA TO15
SIM Mode**

Page 5 of 6
D020203

Lab Sample: METHOD BLANK **Date Collected:** -
Client Sample: - **Date Received:** -
Project Name: - **QC Batch:** 120207MS2A1
Project #: - **Sample Type:** SA

Analyte	Result ug/m3	RL ug/m3	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	ND	0.099	02/07/12	1.0
Vinyl Chloride	ND	0.026	02/07/12	1.0
Trichlorofluoromethane (11)	ND	0.11	02/07/12	1.0
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.15	02/07/12	1.0
Acetone	ND	4.5	02/07/12	3.8
1,1-Dichloroethene	ND	0.040	02/07/12	1.0
Methylene Chloride	ND	0.69	02/07/12	1.0
t-Butyl Methyl Ether (MTBE)	ND	0.36	02/07/12	1.0
t-1,2-Dichloroethene	ND	0.40	02/07/12	1.0
1,1-Dichloroethane	ND	0.81	02/07/12	1.0
c-1,2-Dichloroethene	ND	0.079	02/07/12	1.0
Chloroform	ND	0.098	02/07/12	1.0
1,1,1-Trichloroethane	ND	0.11	02/07/12	1.0
Carbon Tetrachloride	ND	0.13	02/07/12	1.0
Benzene	ND	0.16	02/07/12	1.0
1,2-Dichloroethane	ND	0.081	02/07/12	1.0
Trichloroethene	ND	0.016	02/07/12	1.0
Toluene	ND	0.075	02/07/12	1.0
t-1,3-Dichloropropene	ND	0.091	02/07/12	1.0
1,1,2-Trichloroethane	ND	0.11	02/07/12	1.0
Tetrachloroethene	ND	0.14	02/07/12	1.0
Chlorobenzene	ND	0.092	02/07/12	1.0
Ethylbenzene	ND	0.087	02/07/12	1.0
p,&m-Xylene	ND	0.26	02/07/12	1.0
o-Xylene	ND	0.26	02/07/12	1.0
1,1,2,2-Tetrachloroethane	ND	0.14	02/07/12	1.0
1,4-Dichlorobenzene	ND	0.12	02/07/12	1.0
1,2-Dichlorobenzene	ND	0.60	02/07/12	1.0

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Air TECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 120207MS2A1

Matrix: Air

EPA Method TO-15 SIM

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	02/07/12		02/07/12	02/07/12							
Data File ID:	07FEB010.D		07FEB008.D	07FEB009.D							
Analyst Initials:	DT		DT	DT							
Dilution Factor:	1.0		1.0	1.0							
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max RPD	Pass/Fail
Vinyl Chloride	0.0	500	564	113	531	106	6.0	70	130	30	Pass
1,1-Dichloroethene	0.0	500	509	102	502	100	1.5	70	130	30	Pass
1,1,1-Trichloroethane	1.8	500	509	102	503	101	1.0	70	130	30	Pass
Benzene	16.8	500	476	95	471	94	1.2	70	130	30	Pass
Trichloroethene	0.0	500	490	98	480	96	1.9	70	130	30	Pass
Tetrachloroethene	0.0	500	508	102	502	100	1.2	70	130	30	Pass

Reviewed/Approved By:

Mark Johnson
Operations ManagerDate: 2-15-12

The cover letter is an integral part of this analytical report



Air TECHNOLOGY Laboratories, Inc.

DATA VALIDATION REPORT

Project: Omega Chemical Superfund Site
Air Monitoring – January 2012

References: USEPA CLP National Functional Guidelines for Superfund Organic Data Review June 2008 (EPA540/R-08/01)

Compendium Method TO-15
Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)
January 1999

Air Toxics Limited Methods Manual, Method TO-14A/TO-15

Omega Chemical Superfund Site
Removal Action Work Plan, Appendix B (QAPP)
August 19, 2010

Reviewer: Elizabeth Fortuna
CDM Smith - Irvine, California

Date: February 22, 2012

Analytical Laboratory: Air Toxics Ltd. (Air Toxics)
Folsom, California

Laboratory Report Number: 1202074

DATA REVIEW

In total, fifteen (15) air samples (including one field duplicate) were collected on January 31, 2012 (listed in Table 1), and shipped via overnight delivery service to Air Toxics. Additionally, one sample was sent to a second laboratory (AirTechnology) as a split sample. The samples were analyzed for volatile organic compounds (VOCs) by Method TO-15 with Selective Ion Monitoring (SIM). EPA's Functional Guidelines were used to assist in the process of the technical review of the data; however, QC criteria specified in the analytical method, Air Toxics' Methods Manual, and the Omega Removal Action Work Plan, Appendix B (QAPP) were used as the basis for acceptance or data qualification. Sample identification and collection dates are summarized in the following table.

Table 1- Summary of Analysis

<i>Sample ID</i>	<i>Lab Sample ID</i>	<i>Sample Type</i>	<i>Date Collected</i>	<i>Date Analyzed</i>
IAQ-FRR1-013112	1202074- 01A	Air	1/31/2012	2/8/2012
IAQ-FRR1-013112-K	1202074- 02A	DUP	1/31/2012	2/8/2012
IAQ-FRR2-013112	1202074- 03A	Air	1/31/2012	2/8/2012
IAQ-FRR3-013112	1202074- 04A	Air	1/31/2012	2/8/2012
IAQ-AA22-013112	1202074- 05A	AA	1/31/2012	2/8/2012
IAQ-AA16-013112	1202074- 06A	AA	1/31/2012	2/8/2012
IAQ-ROP1-013112	1202074- 07A	Air	1/31/2012	2/8/2012
IAQ-ROP3-013112	1202074- 08A	Air	1/31/2012	2/8/2012
IAQ-ROP2-013112	1202074- 09A	Air	1/31/2012	2/8/2012
IAQ-ROP4-013112	1202074- 10A	Air	1/31/2012	2/8/2012
IAQ-ROP5-013112	1202074- 11A	Air	1/31/2012	2/8/2012
IAQ-AA11-013112	1202074- 12A	AA	1/31/2012	2/8/2012
IAQ-AA13-013112	1202074- 13A	AA	1/31/2012	2/8/2012
IAQ-AA8-013112	1202074- 14A	AA	1/31/2012	2/8/2012
IAQ-AA1-013112	1202074- 15A	AA	1/31/2012	2/8/2012

Notes:

AA = Ambient air sample
DUP = Field duplicate air sample

VOLATILE ORGANIC COMPOUNDS ASSESSMENT - METHOD TO-15 SIM

Fifteen (15) samples were analyzed for VOCs using TO-15 SIM.

I. TECHNICAL HOLDING TIMES

All technical holding times requirements were met. The air samples were collected on January 31, 2012 and analyzed within 9 days of sample collection. Some guidance suggests that samples for Method TO-15 should be analyzed within 14 days of sampling; however, Method TO-15 indicates that canisters can be stored for up to 30 days for many VOCs.

II. INITIAL CALIBRATION

Prior to the analysis of any samples or standards, an instrument performance check must be performed using 50 ng of 4-bromofluorobenzene (BFB). All ion abundances must meet the criteria listed in Table 3 of Method TO-15. Initial calibration of the instrument must be performed using a minimum of five standard concentrations that span the monitoring range of interest. One calibration point must be at the same concentration as the daily calibration standard and one point should be near the detection limit for the compound of interest. For initial calibration to be accepted, the calculated percent relative standard deviation (%RSD) for the relative response factor (RRF) for each compound in the calibration table must be less than 30 percent with at most two exceptions up to a limit of 40 percent.

Initial calibration was performed on February 6, 2012 for SIM analysis, using a minimum of five concentrations ranging from 0.002 to 20 parts per billion by volume (ppbv), which meets the method requirement. The %RSD for the mean RRF for all target compounds was less than 30 percent. The initial calibration criteria were met.

III. CONTINUING CALIBRATION

Prior to the analysis of samples and blanks but after tuning criteria (4-BFB), the initial calibration of the GC/MS must be verified (once every 12 to 24 hours) by analyzing a daily calibration verification standard (a midpoint check standard at 10 ppbv). The calibration verification standard must contain all target analytes. The percent difference (%D) between the continuing calibration RRF and the initial RRF must be within 30 percent in order to proceed with blanks and samples.

Samples were analyzed on February 8, 2012. Prior to sample analysis, a 50 ng BFB tuning standard was analyzed. Mass ion abundance criteria were met for the system. The percent difference was below 30 percent for all target analytes. The initial calibration was validated and continuing calibration criteria were met for the project requirements.

IV. METHOD BLANKS

A method blank must be analyzed with each batch of samples immediately after initial calibration is verified and before sample analysis. No target analytes were detected at concentrations above their respective reporting limits in the method blanks for the SIM analysis.

V. SURROGATES

Three surrogate spikes (1,2-dichloroethane-d4, toluene-d8 and 4-bromofluorobenzene) were added to each environmental sample, QC sample, and method blank. Surrogate spike control limits were established by the laboratory at 70 to 130 percent for all three surrogates.

All surrogate recoveries were within the acceptable method control limits.

VI. LABORATORY CONTROL SAMPLES (LCS)

Although not required by the method, a LCS sample was analyzed with these samples. Additionally, an LCS duplicate (LCSD) sample was analyzed with these samples, as no laboratory duplicate was analyzed with the samples. Results from the LCS and LCSD samples were included in the analytical report. Acceptance limits, established by the laboratory, are 70 to 130 percent. All LCS and LCSD analyte recoveries were within the acceptable limits. The relative percent differences (RPDs) between detected analyte concentrations in the duplicate pairs were all less than 25 percent.

VII. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

One field duplicate was collected during this sampling event. Sample IAQ-FRR1-013112-K is a duplicate sample of IAQ-FRR1-113011. Additionally, one split sample

was collected during this round from sample IAQ-ROP1-013112 and sent to a different laboratory (AirTechnology) and is discussed below.

The Omega RI/FS specified a duplicate collection frequency of 10 percent. Although not specified, a duplicate precision criterion of 20 percent was used for duplicate air samples (which is equal to the precision criteria for groundwater samples). If the results were detected at concentrations less than 5x the reporting limit, then the difference between the two results was evaluated against the criteria of \pm the reporting limit. Results were deemed within criteria if the difference was less than the reporting limit. Bolded results in the tables below indicate results that exceed criteria. As shown on the following table, the RPDs between the primary and duplicate samples for field duplicates (submitted to AirToxics) were within 20 percent for all analytes. Therefore, no further action is needed.

Compound	IAQ-FRR1-013112 (ug/m3)	IAQ-FRR1-013112-K (ug/m3)	RPD
Freon 12	2.4	2.5	4.08
Freon 11	3.4	3.3	2.99
1,1-Dichloroethene	18	18	0.00
Freon 113	7.0	6.9	1.44
Chloroform	0.38	0.38	0.00
Carbon Tetrachloride	0.53	0.52	1.90
Benzene	1.5	1.5	0.00
Trichloroethene	2.8	2.8	0.00
Toluene	5.5	5.6	1.80
Tetrachloroethene	37	36	2.74
Ethyl Benzene	0.80	0.78	2.53
m,p-Xylene	2.9	2.8	3.51
o-Xylene	0.96	0.95	1.05
1,4-Dichlorobenzene	8.0	7.5	6.45
Acetone	22	23	4.44

A split sample for sample IAQ-ROP1-013112 was submitted to an independent laboratory (AirTechnology) to check precision between laboratories. As shown on the following table, the precision exceeded the RPD of 20 percent for benzene, toluene, tetrachloroethene, ethylbenzene, m,p-xylenes, and o-xylene in the IAQ-ROP1-013112 split sample pair. Therefore, these results are estimated (flagged with a "J") due to split sample imprecision.

Compound	IAQ-ROP1-013112 (ug/m3)	IAQ-ROP1-013112-K2 (ug/m3)	RPD	Less than 5X RL
Freon 12	2.6	0.099 U	NC	
Freon 11	1.3	1.5	14.29	
1,1-Dichloroethene	0.22	0.24	8.70	
Freon 113	0.83	0.94	12.43	
Carbon Tetrachloride	0.51	0.58	12.84	

Compound	IAQ-ROP1-013112 (ug/m3)	IAQ-ROP1-013112-K2 (ug/m3)	RPD	Less than 5X RL
Benzene	1.2	1.8	40.00	N
Toluene	4.8	7.4	42.62	N
Tetrachloroethene	1.3	1.7	26.67	N
Ethylbenzene	0.77	1.6	70.04	N
m,p-xylene	2.6	5.3	68.35	N
o-xylene	0.86	2.0	79.72	N
Acetone	22	21	4.65	
Methylene Chloride	6.3	7.3	14.71	
Chloroform	0.17 U	0.23	NC	
Trichloroethene	0.18 U	0.14	NC	
1,4-dichlorobeznene	0.20 U	0.40	NC	

NC = Not Calculated

U = Not detected above reporting limit

In addition, the laboratory summary QC data for the split sample, including laboratory blanks, LCS, and LCS duplicate data were reviewed; however calibration and raw data were not provided for these samples. Benzene and 1,1,1-trichloroethane were detected in the method blank but at concentrations below the reporting limits. Based on the limited data review, no qualification was needed.

VIII. INTERNAL STANDARDS

Internal standard (IS) area counts and retention times for samples were within validation criteria. IS area counts for all samples analyzed were within \pm 40 percent of the CCV's IS area; and IS retention times were within 0.33 minutes from the retention time of the associated daily standard, which meet criteria specified in Method TO-15.

IX. TARGET COMPOUND IDENTIFICATION

All positive compound identifications were confirmed through the mass spectra library.

X. COMPOUND QUANTITATION

Several positive results were recalculated to ensure that compound quantitation was accurate. No errors were encountered. Compound quantitation was based on the initial calibration average RF.

XI. SYSTEM PERFORMANCE

The system performance was acceptable.

XII. ION ABUNDANCE CRITERIA

The mass calibration and tune files were reviewed to confirm that the ion abundance criteria met TO-15 criteria (Table 3). All ion abundance criteria were met.

XIII. OVERALL ASSESSMENT OF VOC DATA

All QC criteria evaluated during data validation of the VOC analyses were within acceptable limits, except for several analytes that were qualified based split sample imprecision, which are discussed below.

The benzene, toluene, tetrachloroethene, ethylbenzene, m,p-xylenes, and o-xylene in the IAQ-ROP1-013112 split sample pair are qualified as estimated (flagged with a "J") due to split sample imprecision.